

Full Track to be Oracle APEX Developer

Section 1: Intro

Lecture 1: Intro

Section 2: overview

Lecture 2: Create Workspace

Lecture 3: Asian Schema to Workspace

Lecture 4: Create User for our Workspace.

Lecture 5: Overview in Oracle apex environment

Section 3:SQL Workshop

Lecture 6: Browse Table

Lecture 7: Create Lookup Table

Lecture 8: Data Section

Lecture 9: Table Details

Lecture 10: User Interface Default on Table

Lecture 11: Create Table using Wizard.

Lecture 12: Views

Lecture 13: Index & sequence

Lecture 14: Overview in Object browser

Lecture 15: SQL Command

Lecture 16: SQL Script

Section 4: Page Designer

Lecture 17: Create an application.

Lecture 18: Add and Edit Page Content

Lecture 19: Page Designer [Rendering]

Lecture 20: Page Designer [Dynamic Action]

Lecture 21: Page Designer [Processing and Page component]

Lecture 22: Page Designer [Layout] - 1

Lecture 23: Page Designer [Layout] - 2

Lecture 24: Page Designer [component view/search/message/help]

Lecture 25: Page Designer [Property Editor]

Lecture 26: Page Designer [Toolbar]

Section 5: Regions

- Lecture 27: Blank Page
- Lecture 28: Create region and Create page with a region.
- Lecture 29: Static Content [Region]
- Lecture 30: [Static Region] sub region and start new raw Property.
- Lecture 31: [Static Region] Region position Property
- Lecture 32: [Static Region] column and Column spam Property
- Lecture 33: [Template] for page, region, item and button
- Lecture 34: Classic Report [Region]
- Lecture 35: Classic Report [Column Property] Part 1
- Lecture 36: Classic Report [Column Property] Part 2
- Lecture 37: Classic Report [Attributes]
- Lecture 38: Classic Report Template
- Lecture 39: how to Create [Interactive Report]
- Lecture 40: Default Search in [Interactive Report]
- Lecture 41: Interactive report Action Menu [select column]
- Lecture 42: Interactive report Action Menu [filter] by column
- Lecture 43: Interactive report Action Menu [filter] by Raw
- Lecture 44: Interactive report Action Menu [Data]
- Lecture 45: Interactive report Action Menu [Format]
- Lecture 46: Interactive report Action Menu [Chart]
- Lecture 47: Interactive report Action Menu [Group By]
- Lecture 48: Interactive report Action Menu [Pivot]
- Lecture 49: Interactive report Action Menu [Report, Download, Help And column Menu]
- Lecture 50: Interactive report [column Attributes]
- Lecture 51: Interactive report [Attributes]
- Lecture 52: Interactive report [download and Printing]
- Lecture 53: Interactive Grid Properties as End User and different between Interactive Report
- Lecture 54: Interactive Grid column Property
- Lecture 55: Interactive Grid region property
- Lecture 56: List View [Report]
- Lecture 57: List View [Advanced Property]
- Lecture 58: Column Toggle Report
- Lecture 59: Reflow Report
- Lecture 60: List Region
- Lecture 61: Help Text [Region]
- Lecture 62:URL [Region]
- Lecture 63: Breadcrumb [Region]
- Lecture 64: Calendar Region
- Lecture 65: Chart [Region]
- Lecture 66: Tree [Region]
- Lecture 67:PL/SQL Dynamic [Region]
- Lecture 68: Region Selector [Region] and legacy Regions
- Lecture 69: Create Report with Form [Page]
- Lecture 70: Link to Form
- Lecture 71: Understand form Region strategy.

Lecture 72: Create Separate Form Page and link it to Report Page
Lecture 73: Editable Interactive Grid [for User]
Lecture 74: Editable Interactive Grid Attributes [for Developer]
Lecture 75: Interactive Grid - [Automatic Row Processing (DML)] Attributes
Lecture 76: Editable Interactive Work with Grid Column as Items
Lecture 77: List View with Form
Lecture 78: form on Procedure
Lecture 79: Create Dashboard Page
Lecture 80: Wizard Page
Lecture 81: Global Page [Page 0]
Lecture 82: Legacy Pages, Region, and items
Lecture 83: Create [Data Load] Wizard Pages
Lecture 84: How to use [Data Load] Wizard to load CSV Data
Lecture 85: Understand Data Load Wizard Process and Regions
Lecture 86: Stacked [master-detail]
Lecture 87: master-detail [Side by Side]
Lecture 88: master-detail [Drill Down]

Section 6: Items

Lecture 89: Hidden Item
Lecture 90: [Text Field] Item Part 1
Lecture 91: Text Field Item Part 2 [Layout]
Lecture 92: Text Field Item Part 3 [Appearance]
Lecture 93: Text Field Item Part 4 [Validation]
Lecture 94: Text Field Item Part 5 [Advanced]
Lecture 95: Text Field Item Part 6 [Default]
Lecture 96: Text Field Item Part 7 [Quick Picks -Server-side Condition-Read Only]
Lecture 97: Text Field Item Part 8 [Inline Help Text -Help Text - Comments]
Lecture 98: Number Field Item
Lecture 99: Checkbox Field Item
Lecture 100: [Color Picker] Field Item
Lecture 101: [Date Picker] Field Item
Lecture 102: [Display Image] item Field
Lecture 103: [File Browse] item Field
Lecture 104: [Display Only] item Field
Lecture 105: [List Manager] item Field
Lecture 106: [Password] item Field
Lecture 107: [Percent Graph] item Field
Lecture 108: [Popup LOV] item Field
Lecture 109: [Rich Text Editor] item Field
Lecture 110: [Radio Group] item Field
Lecture 111: [Select List] item Field and Cascading LOV
Lecture 112: [Select List] item Field Part 2
Lecture 113: [Shuttle] item Field
Lecture 114: [Switch] item Field
Lecture 115: [Text area] item Field
Lecture 116: [Text Field with autocomplete] item Field.
Lecture 117: Legacy and unsupported Items
Lecture 118: Items in Interactive Grid

Section 7: Buttons

Lecture 119: Button Appearance
Lecture 120: Button Behavior

Section 8: Pages

Lecture 121: Page Property Part 1 [Identification & Appearance]
Lecture 122: Page Property Part 2 [Navigation Menu & Navigation]
Lecture 123: Page Property Part 3 [JavaScript]
Lecture 124: Page Property Part 4 [CSS]

Section 9: Page Processing

Lecture 125: Overview on Page Processing
Lecture 126: Different between client-side Condition and Server-Side Condition

Section 10: Dynamic Action

- Lecture 127: Dynamic Action Introduction
- Lecture 128: [Browser Events] change on item
- Lecture 129: [Browser Events] false action
- Lecture 130: [Browser Events] opposite action & fire on initialization
- Lecture 131: [Browser Events] click & double click on button.
- Lecture 132: [Browser Events] get focus.
- Lecture 133: [Browser Events] Key-down, Keypress, Key-Release
- Lecture 134: [Browser Events] mouse event [button press, button Release, enter, leave, move]
- Lecture 135: [Browser Events] page Load / page unload
- Lecture 136: [Browser Events] resize /resource load / select.
- Lecture 137: [Framework Events] Before Refresh, After Refresh
- Lecture 138: [Framework Events] Before Page Submit, Page load.
- Lecture 139: [Framework Events] Dialog Close
- Lecture 140: [Component Events] (calendar event)
- Lecture 141: [Component Events] (Tree)
- Lecture 142: [Component Events] Interactive [Grid Mode change]
- Lecture 143: [Component Events] [Interactive Grid Page change]
- Lecture 144: [Component Events] Interactive Grid [Report change]
- Lecture 145: [Component Events] [Interactive Grid Row Initialization]
- Lecture 146: [Component Events] [Interactive Grid save]
- Lecture 147: [Component Events] [Interactive Grid View change]
- Lecture 148: [Component Events] [Interactive Grid selection change]
- Lecture 149: [Custom event]
- Lecture 150: [Actions] Open Region / Close Region
- Lecture 151: [Actions] Clear, disable, enable, show, hide, Refresh, Set Focus
- Lecture 152: [Actions] set value.
- Lecture 153: [Actions] set value with Set Type: Dialog Return Item
- Lecture 154: [Actions] Execute JavaScript Code
- Lecture 155: [Actions] Execute PL/SQL Code, Submit
- Lecture 156: [Actions] [Cancel Event]
- Lecture 157: [Actions] [Close Dialog, Cancel Dialog]
- Lecture 158: [Actions] [Add Class]
- Lecture 159: [Actions] [remove class, set style]
- Lecture 160: [Advanced] [Selection Type]
- Lecture 161: [Advanced] [Delete a Row from Classic Report with a Dynamic Action]
- Lecture 162: [Advanced] [Plugin]
- Lecture 163: [Advanced] [Sample Dynamic Actions Application]
- Lecture 164: Dynamic Action on interactive grid column

Section 11: Client-Side Condition

- Lecture 165: Client-side Condition [Item = Value]
- Lecture 166: Client-side Condition [Item != Value]
- Lecture 167: Client-Side Condition [Item > & Item >= & Item < & Item <=] Value
- Lecture 168: Client-side Condition [Item is null & Item is not null]
- Lecture 169: Client-side Condition [Item is in list & Item is not in list]
- Lecture 170: Client-side Condition [JavaScript Expression]

Section 12: Server-Side Condition

- Lecture 171: Server-Side Condition Intro
- Lecture 172: Server-Side Condition [where can Apply]
- Lecture 173: Rows returned & No Rows returned.
- Lecture 174: SQL Expression & PL_SQL Expression & PL-SQL Function Body
- Lecture 175: Using Request in Server-Side Condition
- Lecture 176: Using Items in Server-Side Condition
- Lecture 177: Using User Preference in Server-Side Condition
- Lecture 178: [Using Page] in Server-Side Condition
- Lecture 179: [Using Read Only for Page and Region] in Server-Side Condition
- Lecture 180: [Using Authenticate] in Server-Side Condition
- Lecture 181: [Using Language] in Server-Side Condition
- Lecture 182: Server-Side Condition [Never] & read Only [Always] & NAV Different Condition

Section 13: Validation

- Lecture 183: Validation intro
- Lecture 184: Validation Using [Rows returned & No Rows returned]
- Lecture 185: Validation Using [SQL - PL_SQL Expression -PL-SQL Error -PL-SQL Function Body]
- Lecture 186: Validation Using [using Items]

Section 14: Process

- Lecture 187: Manual Form and [PL-SQL Code Process Type] & [Before Header Point]
- Lecture 188: PL-SQL Code Process Type on [Processing Point]
- Lecture 189: PL-SQL Code Process Type on [Processing Point] update & delete and branches.
- Lecture 190: Automatic Row Fetch [Legacy] Process
- Lecture 191: Automatic Row Processing (DML) [Legacy] Process
- Lecture 192: Form Region & [Form - Initialization] Process
- Lecture 193: Form - Automatic Row Processing (DML) Process
- Lecture 194: Clear Session State [Process]
- Lecture 195: Close Dialog [Process]
- Lecture 196: Interactive Grid - Automatic Row Processing (DML) [Process]
- Lecture 197: Uploaded Data Process [Parse - Prepare -Load]
- Lecture 198: Reset Pagination [Process]
- Lecture 199: Send E-Mail [Process]
- Lecture 200: User Preferences [Process]
- Lecture 201: Form Pagination [Legacy] Process
- Lecture 202: Process Point [New Session]
- Lecture 203: Process Point [Before Header & After Header]
- Lecture 204: Process Point [Before Region & After Region]
- Lecture 205: Process Point [Before Footer & After Footer]
- Lecture 206: Process Point [Processing & After Submit]
- Lecture 207: Process Point [Ajax Callback]

Section 15: Computation

- Lecture 208: all [Computation] Types

Section 16: branches

- Lecture 209: [branches] Page or URL (Redirect)
- Lecture 210: [branches] URL Identified by Item - Function Returning a URL (Redirect)
- Lecture 211: Show Only branches.
- Lecture 212: [Branches] PL/SQL Procedure
- Lecture 213: [Branches] Page Processing {not common}

Section 17: mobile shop Project

Lecture 214: Create Category Table
Lecture 215: Create Unit Table
Lecture 216: Create Product Table
Lecture 217: Create Vendor Table
Lecture 218: Create Client Table
Lecture 219: Create Application
Lecture 220: Create Page for Units
Lecture 221: Create Page for Category
Lecture 222: Create Report and Form for Product Part 1
Lecture 223: Create Report and Form for Product Part 2
Lecture 224: Create Report and Form for Vendor 1
Lecture 225: Create Report and Form for Vendor 2
Lecture 226: Create Report and Form for Clients
Lecture 227: Create Tables for [Sell Order & sell Order item]
Lecture 228: Create Master & Detail for Sell Order Part 1
Lecture 229: Create Master & Detail for Sell Order Part 2
Lecture 230: Create Master & Detail for Sell Order Part 3
Lecture 231: Update Total in Sell Order
Lecture 232: Create Validation on Quantity
Lecture 233: Update sell Order Report and Branching for Form Page
Lecture 234: Use Manual PL-SQL code for Interactive Grid in Details
Lecture 235: Create Master and Detail in one Step
Lecture 236: Using Trigger to Update Product Quantity
Lecture 237: Dynamic Column Total for sell Order.
Lecture 238: Update Client Balance after creating sell Order.
Lecture 239: Prevent same product in same order.
Lecture 240: Use Error Handling Function to change Error Message
Lecture 241: How to Print Invoice Using PL-SQL Dynamic Region Part 1
Lecture 242: How to Print Invoice Using PL-SQL Dynamic Region Part 2
Lecture 243: How to Print Invoice Using PL-SQL Dynamic Region Part 3
Lecture 244: How to Print Invoice Using PL-SQL Dynamic Region Part 4
Lecture 245: Create Master & Detail for Buy Order Overview

Section 18: Shared Components [Application Logic]

- Lecture 246: Application Definition [Name]
- Lecture 247: Application Definition [Properties]
- Lecture 248: Application Definition [Application Icon]
- Lecture 249: Application Definition [Availability]
- Lecture 250: Application Definition [Error Handling]
- Lecture 251: Application Definition [Global Notification]
- Lecture 252: Application Definition [Substitutions]
- Lecture 253: Application Items
- Lecture 254: Application Items Global & Session Sharing
- Lecture 255: Application Processes
- Lecture 256: Application Computations
- Lecture 257: Application Settings
- Lecture 258: Build Options

Section 19: Shared Components [File]

- Lecture 259: Files Static Application & Workspace Files

Section 20: Shared Components [Navigation]

- Lecture 260: Create Static List
- Lecture 261: Create Dynamic List
- Lecture 262: List Entry - Entry
- Lecture 263: List Entry - Target [Part 1]
- Lecture 264: List Entry - Target [Part 2]
- Lecture 265: List Entry - Current List Entry
- Lecture 266: List Entry - [Conditions -Authorization-Configuration]
- Lecture 267: List Entry - [Click Counting]
- Lecture 268: List Entry - [User Defined Attributes]
- Lecture 269: Navigation Menu & Navigation Bar
- Lecture 270: Navigation - Breadcrumbs

Section 21: Shared Components [Other Components]

- Lecture 271: Lists of Values - [Static]
- Lecture 272: Lists of Values - [Dynamic]
- Lecture 273: Plugin as a component
- Lecture 274: Component Settings
- Lecture 275: What is Shortcut and How to Use
- Lecture 276: where we can Use Shortcut
- Lecture 277: Shortcut [HTML Text with Escaped Special Chars]
- Lecture 278: How to Use Shortcut [PL-SQL Function Body]
- Lecture 279: Shortcut [image]
- Lecture 280: Shortcut [Text with JavaScript Escaped Single Quotes]
- Lecture 281: Shortcut [Message]
- Lecture 282: Email Templates

Section 22: Advanced (Problem)

- Lecture 283: Store Blob File Outside Oracle Database in Oracle APEX
- Lecture 284: preview image from directory in oracle apex
- Lecture 285: Send mail from Oracle APEX [Mail Server]
- Lecture 286: Send mail from Oracle APEX [ACL]
- Lecture 287: Send mail from Oracle APEX [With Attachment]
- Lecture 288: Send mail from Oracle APEX [multiple Attachment]
- Lecture 289: Send mail from Oracle APEX [Using APEX Send MAIL Process]

Section 23: Printing in Oracle APEX

- Lecture 290: Print custom PDF Report Using Report Query and Generic Report Layout
- Lecture 291: Print custom PDF Report Using Report Query and Custom Report Layout [XSL]
- Lecture 292: Print custom PDF Report Using Layout [XSL] Designed by Altova Style Vision 2019
- Lecture 293: Print custom PDF Report Using [PL/SQL] Dynamic Region in Oracle Apex 19.1
- Lecture 294: Create Custom PDF Report in Oracle Apex using [BIRT]
- Lecture 295: Print report in APEX Using stimulsoft.
- Lecture 296: How to use Oracle APEX Dynamic Action Plugin [AmandaDocxPrinter]

Section 24: Jasper Report in Oracle APEX

- Lecture 297: Deploy Jasper Reports Integration on Tomcat
- Lecture 298: Create Jasper Report Using [Jasper soft Studio]
- Lecture 299: Call Jasper Report from Tomcat Using Jasper Integration
- Lecture 300: Configure Jasper API with Schema
- Lecture 301: Call Jasper Report from APEX Using Jasper API
- Lecture 302: Call Jasper Report from APEX as Link
- Lecture 303: Call Jasper Report from APEX Using java script [1]
- Lecture 304: Call Jasper Report from APEX Using java script [2] More Details
- Lecture 305: Create Jasper Report with parameter Using [Jasper soft Studio]
- Lecture 306: Call Jasper Report with Parameter from APEX Using Jasper API
- Lecture 307: Call Jasper Report with Parameter from APEX Using JavaScript

Section 25: Security

- Lecture 308: Security intro: Authentication & Authorization
- Lecture 309: Application Express [Authentication Schema]
- Lecture 310: Database Accounts [Authentication Schema]
- Lecture 311: No [Authentication Schema]
- Lecture 312: Custom [Authentication Schema]
- Lecture 313: Open Door [Authentication Schema]
- Lecture 314: Other Type [Authentication Schema]
- Lecture 315: Login Function [apex_authentication.login]
- Lecture 316: [Subscription] Authentication Schema Property
- Lecture 317: [Sentry Function] Authentication Schema Property
- Lecture 318: [Invalid Session Procedure] Authentication Schema Property
- Lecture 319: [Post Logout Procedure] Authentication Schema Property
- Lecture 320: [Legacy Attributes & Source] Authentication Schema Property
- Lecture 321: [Session Not Valid] Authentication Schema Property
- Lecture 322: [Pre-Authentication Procedure] Authentication Schema Property
- Lecture 323: [Post-Authentication Procedure] Authentication Schema Property
- Lecture 324: [Switch in Session] Authentication Schema Property
- Lecture 325: [Help Text] Authentication Schema Property
- Lecture 326: [Post-Logout URL] Authentication Schema Property
- Lecture 327: [Session Sharing] Authentication Schema Property
- Lecture 328: Authorization Scheme [Intro]
- Lecture 329: Authorization Evaluation Point [Once per session]
- Lecture 330: Authorization Evaluation Point [Once per page view]
- Lecture 331: Authorization Evaluation Point [Once per component]
- Lecture 332: Authorization Evaluation Point [Always (No Caching)]
- Lecture 333: where we can apply Authorization.
- Lecture 334: [Exists SQL Query] Authorization Scheme Type
- Lecture 335: [Not Exists SQL Query] Authorization Scheme Type
- Lecture 336: [Item in Expression 1 is null] Authorization Scheme Type
- Lecture 337: [Item in Expression 1 is Not null] Authorization Scheme Type
- Lecture 338: [PL-SQL Function Returning Boolean] Authorization Scheme Type
- Lecture 339: [Value of Item in Expression 1 Equals Expression 2] Authorization Scheme Type
- Lecture 340: [Value of Item in Expression 1 Doesn't Equal Expression 2]
- Lecture 341: [Value of Preference in Expression 1 Equals Expression 2]
- Lecture 342: [Value of Preference in Expression 1 Does NOT Equal Expression 2]
- Lecture 343: [Is in Role or Group] Authorization Scheme Type
- Lecture 344: [Is Not in Role or Group] Authorization Scheme Type
- Lecture 345: Use Custom User with [Is in Role or Group]
- Lecture 346: [Application Access Control] as shared component and Used Tables
- Lecture 347: Create Custom Page for [Application Access Control]
- Lecture 348: Create [Application Access Control] feature.
- Lecture 349: understand Build Option for [Access Control] Feature.
- Lecture 350: understand Application Settings for [Access Control] Feature.
- Lecture 351: Using [APEX_ACL API] Part 1
- Lecture 352: Using [APEX_ACL API] Part 2
- Lecture 353: Understand [Session state] and item to [submit] concept

Lecture 354: Accessing values in session state.
Lecture 355: [Session State Protection] intro
Lecture 356: Page Access Protection [Unrestricted]
Lecture 357: Page Access Protection [Arguments Must Have Checksum]
Lecture 358: Page Access Protection [No Arguments Supported]
Lecture 359: Page Access Protection [No URL Access]
Lecture 360: [Unrestricted] Item Access Protection
Lecture 361: [Checksum Required - Application Level] Item Access Protection
Lecture 362: [Checksum Required - User Level] Item Access Protection
Lecture 363: [Checksum Required - Session Level] Item Access Protection
Lecture 364: [Restricted - May not be set from browser] Item Access Protection
Lecture 365: Session State Protection for [Application Items]
Lecture 366: Application Session State Protection Controls
Lecture 367: Web Credentials [intro]
Lecture 368: Security Attributes [Authentication]
Lecture 369: Security Attributes [Authorization]
Lecture 370: Rejoin Sessions
Lecture 371: Deep Linking
Lecture 372: Maximum Session Length
Lecture 373: Maximum Session Idle Time
Lecture 374: Security Attributes [Session State Protection]
Lecture 375: Security Attributes [Browser Security]
Lecture 376: Security Attributes [Database Session]

Section 26: feature

Lecture 377: Feature [Intro]
Lecture 378: About Page (Feature)
Lecture 379: Access Control (Feature)
Lecture 380: Activity Reports (Feature)
Lecture 381: Configuration Options (Feature)
Lecture 382: Email Reporting (Feature)
Lecture 383: Feedback (Feature)
Lecture 384: Login Page (Feature)
Lecture 385: Theme Style Selection (Feature)
Lecture 386: Create all Feature one Time

Section 27: User Interface

- Lecture 387: User Interface Attributes [intro]
- Lecture 388: Themes [Intro]
- Lecture 389: Template [Intro]
- Lecture 390: Button Template [Icon]
- Lecture 391: Button Template [Text]
- Lecture 392: Button Template [Text and Icon]
- Lecture 393: Button Template Options [Common]
- Lecture 394: Button Template Options [Common] Style
- Lecture 395: Button Template Options [Advanced] & Template Class & Substitution Strings
- Lecture 396: Create Custom Button Template for [save - delete -create]
- Lecture 397: Optional Label Template (Before Label & After Label)
- Lecture 398: Optional Label Template (Before Item & After Item)
- Lecture 399: Optional Label Template (Pre-Post-help-inline help)
- Lecture 400: Optional Label Template (Error Template & Before Label and Item)
- Lecture 401: Required Label Template
- Lecture 402: Hidden Label Template
- Lecture 403: [Optional - Above & Required - Above] Label Template
- Lecture 404: [Optional - Floating & Required - Floating] Label Template
- Lecture 405: Template Options of Label Template
- Lecture 406: Custom Template for Label
- Lecture 407: Standard Region Template [Part 1]
- Lecture 408: Standard Region Template [Part 2]
- Lecture 409: Standard Region Template [Part 3]
- Lecture 410: Standard Region Template Options [Part 1]
- Lecture 411: Standard Region Template Options [Part 2]
- Lecture 412: Standard Region Template Options [Part 3]
- Lecture 413: Custom [Standard] Region Template
- Lecture 414: Blank with Attributes Region Template
- Lecture 415: Blank with Attributes (No Grid) Region Template
- Lecture 416: Buttons Container Region Template
- Lecture 417: Carousel Container Region Template
- Lecture 418: Collapsible Region Template
- Lecture 419: Content Block Region Template
- Lecture 420: Hero Region Template
- Lecture 421: Alert Region Template
- Lecture 422: Inline Dialog Region Template
- Lecture 423: Inline Popup Region Template
- Lecture 424: Interactive Report Region Template
- Lecture 425: Login Region Template
- Lecture 426: Tabs Container Region Template
- Lecture 427: Title Bar Region Template
- Lecture 428: Wizard Container Region Template
- Lecture 429: Breadcrumb Template
- Lecture 430: Classic Report Standard Template Part 1 (Template Options)
- Lecture 431: Classic Report Standard Template Part 2 (understand Template)
- Lecture 432: Classic Report Standard Template Part 3 (custom Template)

Lecture 433: Classic Report [Value Attribute Pairs - Row] Part 1 (Template Options)
Lecture 434: Classic Report [Value Attribute Pairs - Row] Part 2 (understand Template)
Lecture 435: Classic Report [Value Attribute Pairs - Column] template
Lecture 436: Classic Report [Alert] template
Lecture 437: Classic Report [Badge List] template
Lecture 438: Classic Report [Cards] template
Lecture 439: Classic Report [Cards] template (understand template)
Lecture 440: Create Custom Card Template using Google's Material Components
Lecture 441: Classic Report [Comments] template Part 1
Lecture 442: Classic Report [Comments] template Part 2
Lecture 443: Classic Report [Media List] template Part 1
Lecture 444: Classic Report [Media List] template Part 2
Lecture 445: Classic Report [Search Results] template
Lecture 446: Classic Report [Timeline] template
Lecture 447: Predefined template for Classic Report
Lecture 448: Popup List of Values Template
Lecture 449: Badge List Template
Lecture 450: Card List Template
Lecture 451: Link List Template
Lecture 452: Media List Template
Lecture 453: Menu Bar Template
Lecture 454: Create Menu Popup List
Lecture 455: Menu Popup List Template part 2
Lecture 456: Navigation Bar Template
Lecture 457: Side Navigation Menu Template
Lecture 458: Tabs Template
Lecture 459: Top Navigation Menu Template
Lecture 460: Top Navigation Tabs Template
Lecture 461: Wizard Progress Template
Lecture 462: Standard Page Template layout (1)
Lecture 463: Standard Page Template Code (2)
Lecture 464: Minimal Page Template
Lecture 465: Login Page Template
Lecture 466: Modal Dialog Page Template
Lecture 467: Wizard Modal Dialog Page Template
Lecture 468: Left Side Column Page Template
Lecture 469: Right Side Column Page Template
Lecture 470: Left and Right-Side Columns Page Template
Lecture 471: Marquee Page Template
Lecture 472: Theme [Subscription and JS-CSS Path]
Lecture 473: theme [Component Defaults]
Lecture 474: theme [Region Defaults]
Lecture 475: theme [Dialog Defaults]
Lecture 476: theme [Global Template Options]
Lecture 477: theme [Icon and Image]
Lecture 478: theme [Styles]
Lecture 479: theme [set Style for User]

Lecture 480: theme [Files]
Lecture 481: General Properties [User Interfaces]
Lecture 482: Logo [User Interfaces]
Lecture 483: Favicon and User Interface Detection [User Interfaces]
Lecture 484: [User Interface Details] Identification & Attributes
Lecture 485: Navigation Menu [User Interface Details]
Lecture 486: Navigation Bar [User Interface Details]
Lecture 487: JavaScript [User Interface Details]
Lecture 488: Cascading Style Sheets [User Interface Details]
Lecture 489: Concatenated Files [User Interface Details]

Section 28: Export / Import

- Lecture 490: Export Application
- Lecture 491: Export Preferences
- Lecture 492: Import Application

Section 29: Supporting Objects

- Lecture 493: Prerequisites [Supporting Objects]
- Lecture 494: Substitutions [Supporting Objects]
- Lecture 495: Build Options [Supporting Objects]
- Lecture 496: Validations [Supporting Objects]
- Lecture 497: Installation Scripts [Supporting Objects]
- Lecture 498: Messages [Supporting Objects]
- Lecture 499: Upgrade [Supporting Objects]
- Lecture 500: Deinstallation [Supporting Objects]
- Lecture 501: Full Test [Supporting Objects]

Section 30: Globalization

- Lecture 502: Globalization Attributes [Part 1]
- Lecture 503: Globalization Attributes [Part 2]
- Lecture 504: Globalization Attributes [Part 3]
- Lecture 505: Language Derived From [NO NLS - Primary - Browser]
- Lecture 506: Language Derived from Application Preference (use FSP_LANGUAGE_PREFERENCE)
- Lecture 507: Language Derived from Item Preference (use item containing preference)
- Lecture 508: Language Derived From [Session]
- Lecture 509: Define application languages [How to Translate]
- Lecture 510: Seed translatable text [How to Translate]
- Lecture 511: Download XLIFF translation files [How to Translate]
- Lecture 512: Apply XLIFF translation files [How to Translate]
- Lecture 513: Translation Repository [Translation Utilities]
- Lecture 514: Dynamic Translations [Translation Utilities]
- Lecture 515: How to translate Common Message [Text Messages Part 1]
- Lecture 516: how to translate interactive report [Text Messages Part 2]
- Lecture 517: how to translate interactive Grid [Text Messages Part 3]
- Lecture 518: using Translate APEX APP [Text Messages Part 4]
- Lecture 519: Text Message Fix Issue 20.2
- Lecture 520: Translate Application version 20.2 [Full example]

Section 31: Application Utilities 20.2

- Lecture 521: Application Dashboard
- Lecture 522: Upgrade Application
- Lecture 523: Attribute Dictionary
- Lecture 524: Debug Messages
- Lecture 525: Export Repository
- Lecture 526: Embedded Code
- Lecture 527: Advisor
- Lecture 528: Recently Updated Pages
- Lecture 529: Change History
- Lecture 530: Application Express Views
- Lecture 531: Manage Backups
- Lecture 532: Cross Page Utilities
- Lecture 533: Page Groups
- Lecture 534: Region Utilities
- Lecture 535: Button Utilities
- Lecture 536: Item Utilities
- Lecture 537: Computation Utilities
- Lecture 538: Validation Utilities
- Lecture 539: Process Utilities
- Lecture 540: Dynamic Action Utilities
- Lecture 541: Branch Utilities
- Lecture 542: Interactive Report Utilities

Section 32: New Features After APEX 19.1

- Lecture 543: Faceted Search [part 1]
- Lecture 544: Faceted Search [part 2]
- Lecture 545: Faceted Search [part 3]
- Lecture 546: Faceted Search [part 4]
- Lecture 547: Faceted Search [part 5]
- Lecture 548: Faceted Search [part 6]
- Lecture 549: Faceted Search Attributes
- Lecture 550: Card Report Region [Part 1]
- Lecture 551: Card Report Region [Part 2]
- Lecture 552: Card Report Region [Part 3]
- Lecture 553: Cards Container template
- Lecture 554: Enhanced Shared List of Values
- Lecture 555: Enhanced Popup List of Values
- Lecture 556: SQL Workshop Improvements
- Lecture 557: Universal Theme Improvements
- Lecture 558: New Content Row template
- Lecture 559: Friendly URLs
- Lecture 560: Improved Application Lifecycle Management
- Lecture 561: Mega Menu
- Lecture 562: Native PDF Printing
- Lecture 563: New and Improved Items
- Lecture 564: Interactive Grid Saved Report Static ID
- Lecture 565: Tree lazy loading and Refresh

Section 33: Automations

- Lecture 566: Create Automation
- Lecture 567: Add Action
- Lecture 568: Automation Settings & Source
- Lecture 569: Action Execution
- Lecture 570: Additional Code Execution
- Lecture 571: Execute Scheduled Automation
- Lecture 572: Execute on Demand Automation

Section 34: SQL Scripts

- Lecture 573: Create SQL Scripts
- Lecture 574: Upload SQL Scripts
- Lecture 575: SQL Scripts Tasks

Section 35: SQL Workshop Utilities

- Lecture 576: Load Data on New table
- Lecture 577: Load Data on existing table
- Lecture 578: Load Data using Copy and Paste
- Lecture 579: Unload Data
- Lecture 580: Query Builder
- Lecture 581: Quick SQL Overview
- Lecture 582: Quick SQL Using Help
- Lecture 583: Quick SQL understand from Sample.
- Lecture 584: Quick SQL Settings
- Lecture 585: Sample Dataset
- Lecture 586: Generate DDL
- Lecture 587: User Interface Defaults
- Lecture 588: Schema Comparison
- Lecture 589: Methods on Tables
- Lecture 590: Recycle Bin
- Lecture 591: Object Reports

Section 36: RESTful Services

- Lecture 592: RESTful Services intro
- Lecture 593: Install Oracle REST Data Services (ORDS)
- Lecture 594: Deploy ORDS on Apache Tomcat
- Lecture 595: Enable ORDS for a Schema
- Lecture 596: RESTful Data Services Dashboard
- Lecture 597: Enable ORDS for an Object
- Lecture 598: Create Module
- Lecture 599: Create Template
- Lecture 600: Create Handler
- Lecture 601: Source Type
- Lecture 602: Deprecated Source Type
- Lecture 603: GET Method
- Lecture 604: POST Method
- Lecture 605: POST Method with Parameter
- Lecture 606: PUT Method
- Lecture 607: DELETE Method
- Lecture 608: Role and Privilege
- Lecture 609: ORDS Basic Authentication
- Lecture 610: ORDS OAuth 2.0 Authentication configuration
- Lecture 611: ORDS OAuth 2.0 Authentication Get Token

Section 37: To-Do-Task Project

- Lecture 612: To do List Projects intro.
- Lecture 613: To-do- task DB Script
- Lecture 614: Create Report and form for task table.
- Lecture 615: open and completed Report.
- Lecture 616: Use Media List Template
- Lecture 617: Add Link to Report
- Lecture 618: Modify Form Page
- Lecture 619: Make Default status task with New.
- Lecture 620: Make Dynamic Action to Change status.
- Lecture 621: Dynamic Action using client-side condition to show frequency.
- Lecture 622: using Close Dialog Event
- Lecture 623: Make New Template for Task Report
- Lecture 624: Update Report to Add Action (part 1)
- Lecture 625: Update Report to Add Action (part 2)
- Lecture 626: Change status from New to Completed in Region Page
- Lecture 627: Change status from Completed to New in Region Page
- Lecture 628: Change Important in Region Page

Section 38: Mobile APP tricks

- Lecture 629: Create DDL Using Quick SQL
- Lecture 630: Create App from Script
- Lecture 631: Change Navigation Menu template
- Lecture 632: Try reflow and column toggle Region.
- Lecture 633: Use Comment Template
- Lecture 634: update Comment Template to add More Actions
- Lecture 635: Create Notification using Application Item and computation.
- Lecture 636: Change Model Page to Normal page and update Button Position

Section 39: Dynamic Security Module Ideas

- Lecture 637: dynamic security module Intro
- Lecture 638: change Authentication Schemes on runtime
- Lecture 639: change Parsing Schema on runtime
- Lecture 640: change Authorization Scheme on runtime
- Lecture 641: change Page Authorization Scheme on runtime
- Lecture 642: change Page to Public or Not on runtime
- Lecture 643: Change Page Read Only on runtime.
- Lecture 644: Change Build Option for Page on runtime
- Lecture 645: Change Region Authorization Scheme on runtime
- Lecture 646: Change Region Build Option on runtime in Oracle APEX
- Lecture 647: Change Region Server Side Condition on runtime
- Lecture 648: Change Region read only on runtime.
- Lecture 649: Change Authorization, Build Option, Read only and Server side for Item on runtime.
- Lecture 650: Change Authorization, Build Option, custom attribute, and Server side for button.
- Lecture 651: Change Authorization, point and assigned button for Process.
- Lecture 652: change Authorization and client-side condition for dynamic action on runtime

Section 40: Appointment App (Callender)

- Lecture 653: Create Script and App
- Lecture 654: Update Appointment Form
- Lecture 655: Create Calendar Page
- Lecture 656: Use CSS Class on Calendar
- Lecture 657: Add Create and Edit Link for Calendar
- Lecture 658: Drag and Drop to change Date.
- Lecture 659: Add Item to Filter Data
- Lecture 660: Initialization Code for Calendar
- Lecture 661: Go to Specific Date on Calendar

Section 41: Dynamic Form

- Lecture 662: Create Dynamic Form
- Lecture 663: Loop throw Report and save to table.
- Lecture 664: Loop throw Report and save to Collection.
- Lecture 665: Display collection and table data
- Lecture 666: Create Form on collection and Add Record to Collection
- Lecture 667: Update and delete Member in Collection
- Lecture 668: move data from collection to table and verses.

Section 42: Classic Report Magic

- Lecture 669: Standard Classic Report
- Lecture 670: Alert Classic Report
- Lecture 671: Badge List Classic Report
- Lecture 672: Card Classic Report
- Lecture 673: Comment Classic Report
- Lecture 674: Media List Classic Report
- Lecture 675: Content Row Classic Report
- Lecture 676: Timeline Classic Report
- Lecture 677: Search Results Classic Report
- Lecture 678: Value Attribute Pairs [Column - Row]
- Lecture 679: Profile Card Classic Report

Section 43: Point of Sale Page

- Lecture 680: Point of Sale Intro
- Lecture 681: Create Category Report
- Lecture 682: Update Category template
- Lecture 683: Create Product Report
- Lecture 684: Update Product template
- Lecture 685: Create Collection Report and add Product.
- Lecture 686: Update Collection to manage existing product.
- Lecture 687: Update Collection template and add 3 Actions.
- Lecture 688: Increase Item quantity
- Lecture 689: Decrease Item quantity.
- Lecture 690: Delete Item from Collection
- Lecture 691: Place Order (Part 1)
- Lecture 692: Place Order (Part 2)

Section 44: What's New in Oracle APEX 20.1

Lecture 693: What's New in Oracle APEX 20.1 (article)

Lecture 694: What's New in Oracle APEX 21.1 (article)

Lecture 695: What's New in Oracle APEX 22.1 (article)

Section 45: Online Shopping APP (E-commerce)

Lecture 696: Intro and DB structure

Lecture 697: Create Catalog Page (part 1)

Lecture 698: Create Catalog Page (part 2) Add facets.

Lecture 699: Create Catalog Page (part 3) Editing Card Attributes

Lecture 700: Add Product to shopping Cart part [1]

Lecture 701: Add Product to shopping Cart part [2]

Lecture 702: Add Product to shopping Cart part [3]

Lecture 703: Add Product to shopping Cart part [4]

Lecture 704: shopping Card Page part [1]

Lecture 705: shopping Card Page part [2]

Lecture 706: Create Order Page

Lecture 707: Add some feature to my APP Part [1]

Lecture 708: Add some feature to my APP Part [2]

Lecture 709: Add some feature to my APP Part [3]

Section 46: Leave Request APP [Approvals Component]

Lecture 710: Leave Approval Intro

Lecture 711: Create Task Definitions part [1]

Lecture 712: Create Task Definitions part [2] add Participants.

Lecture 713: Create Task Definitions part [3] add Parameters and Actions

Lecture 714: Create Page to Request task Part [1]

Lecture 715: Create Page to Request task part [2]

Lecture 716: Initiated by Me Page

Lecture 717: My Tasks Page

Lecture 718: understand Assigned and unassigned task.

Lecture 719: Approvals Administration

Lecture 720: Sample Approvals Application

Lecture 721: Multi-Approvals in Oracle APEX example (article)

Section 47: Create Demo APP

- Lecture 722: Create Demo App
- Lecture 723: Create Password Hashing Function
- Lecture 724: Create Users Table
- Lecture 725: Create trigger On Table Users
- Lecture 726: Write an Authenticate Function
- Lecture 727: Create Custom Authentication Scheme
- Lecture 728: Create a New User Page
- Lecture 729: Modify a New User Page
- Lecture 730: Add Validation for User Page
- Lecture 731: Regular expression Validation for User Page
- Lecture 732: Complex Password Validation for User Page
- Lecture 733: Display Successful Message after close Model.
- Lecture 734: Create an Account Activation Page
- Lecture 735: Send Account Activation Email

Section 48: What is New in Oracle APEX 22.2

- Lecture 736: What is New in Oracle APEX 22.2 (article)

Section 49: CSS in APEX

- Lecture 737: CSS Intro
- Lecture 738: inline CSS Code
- Lecture 739: CSS file URL
- Lecture 740: User Interfaces file URL For CSS
- Lecture 741: Custom Attributes
- Lecture 742: Column Attributes
- Lecture 743: Class
- Lecture 744: Static ID
- Lecture 745: Use CSS in Dynamic Action
- Lecture 746: change CSS by JS
- Lecture 747: jQuery Selector

Section 50: JavaScript in APEX

- Lecture 748: JavaScript intro
- Lecture 749: why we need JavaScript in APEX
- Lecture 750: Execute when Page Loads
- Lecture 751: Function and Global Variable Declaration
- Lecture 752: File URLs
- Lecture 753: JavaScript File URL in User Interfaces
- Lecture 754: java Script as a action
- Lecture 755: JavaScript Expression for selection and affected element
- Lecture 756: JavaScript Expression in Client-side Condition
- Lecture 757: JavaScript Initialization Code for IG
- Lecture 758: Oracle APEX JavaScript API

Section 51: Integrating Jasper Reports Server with APEX

- Lecture 759: install jasper server.
- Lecture 760: create report & data adaptor in jasper Studio.
- Lecture 761: create data set in jasper Studio and display data in report.
- Lecture 762: export report in different format and understand Arabic issue in pdf.
- Lecture 763: how to solve Arabic font issue in jasper Studio.
- Lecture 764: Add jasper server in Jasper studio and publish report to server.
- Lecture 765: Understand Arabic font issue in jasper server and how to solve it
- Lecture 766: How add parameter to report in jasper studio
- Lecture 767: Call jasper report from APEX and create ACL.
- Lecture 768: Call jasper report from APEX with dynamic file type
- Lecture 769: Download any Jasper report in Oracle APEX by one code using jasper server.
- Lecture 770: Preview any Jasper report in Oracle APEX by one code using jasper server.

Section 52: Data Sources

- Lecture 771: Create Data Load
- Lecture 772: Create Data Loading Page
- Lecture 773: Create Data source.
- Lecture 774: Create Rest Synchronizations
- Lecture 775: Create Rest enable and check HTTPS.
- Lecture 776: How to Solve HTTPS Issue for rest enable
- Lecture 777: Create Rest enable and use it in APP.

Section 53: Client-Side validation

- Lecture 778: Understand Normal validation.
- Lecture 779: How to create manual form.
- Lecture 780: understand client-side validation concept.
- Lecture 781: Create Client-side validation using dynamic action.
- Lecture 782: Understand apex. Message API
- Lecture 783: Using apex. Message API in validation
- Lecture 784: Make function to call API for all validation.
- Lecture 785: Using Ajax callback in validation.
- Lecture 786: Using normal item validation in client-side.
- Lecture 787: Using normal Page validation in client-side.

Section 54: APEX new features

- Lecture 788: Template Directives
- Lecture 789: Dynamic Content
- Lecture 790: Search Configurations
- Lecture 791: Invoke API
- Lecture 792: New in Dynamic Action

Section 55: The end of the trip

- Lecture 793: The end of the trip