

Reports 11g

Section	Title	Page	
One	Introduction to Reports 11g	2	
	- What is Reports 11g ?	3	
	- Reports 11g Destinations	5	
	- Report Extensions in Reports 11g	6	
	- Running Reports	7	
Two	Reports 11g Builder	9	
	- Starting OPMN to run Web Layout	10	
	- Starting Reports 11g	11	
	- Object Navigator	13	
	- Object Navigator (Reports)	15	
	- Object Navigator (Templates)	17	
	- Object Navigator (PL/SQL Libraries)	18	
	- Object Navigator (Debug Actions)	20	
	- Object Navigator (Stack)	21	
	- Object Navigator (Built in Packages)	22	
	- Object Navigator (Database Objects)	23	
Three	Report Wizard	24	
	- Starting the Report Wizard in Reports 11g	25	
	- Web and Paper Output in Reports 11g	29	
	- Report Styles in Reports 11g	31	
	- Tabular Report Style in 11g	32	
	- Group Left Report Style in 11g	33	
	- Group Above Report Style in 11g	35	
	- Matrix Report Style in 11g	36	
	- Matrix Group Report Style in 11g	39	
	- Form-like Report Style in 11g	40	
	- Form Letter Report Style in 11g	42	
	- Mailing Label Report Style in 11g	43	
	- Report Wizards Dialogs in Reports 11g	45	
	- Relationship of Tabs with Report 11g Styles	47	
	- The Data Source Option in Reports 11g	48	
	- The Data Option in Reports 11g	49	
	- Specifying SQL in Data Source Definition	50	
	- Column Labels in Data Source Definition	53	
	- Error Handling in Data Source Definition	56	
	- Query Builder in Data Source Definition	58	
	- Import Query in Data Source Definition	68	
	- Creating a Tabular Report in Reports 11g	69	
	- The Fields Option in Reports 11g	70	
	- The Totals Option in Reports 11g	72	
	- The Labels Option in Reports 11g	73	
	- The Template Option in Reports 11g	75	
	- The Completed Report in Reports 11g	76	
	- Re-Running the Report Wizard	78	
	- Exercise One	79	
	Four	Creating Totals in Reports 11g	85
		- Types of Totals Available in Reports 11g	86
- Using the Report Wizard to Create Totals		87	
- Exercise Two		93	
Five	Paper Design in Reports 11g	99	
	- Editing Reports within Reports 11g	100	
	- Running Paper Design within Reports 11g	101	
	- Anatomy of Paper Design within Reports 11g	103	
	- Toolbars	104	

Reports 11g

Section	Title	Page
	- Tool Palette	107
	- Functionality of Paper Design in Reports 11g	108
	- Making Changes in Reports 11g	110
	- Using the Flex Option in Reports 11g	112
	- Changing Colours of Elements in Reports 11g	116
	- Selecting Parent Frames	117
	- Adding Fields to the Paper Design	120
	- Property Inspector in Reports 11g	121
	- Using Read from File in Reports 11g	126
	- Exercise Three	129
Six	Report Styles in Reports 11g	133
	- Creating a Group Left Report in Reports 11g	134
	- Creating a Group Above in Report	138
	- Totalling in Group Reports	140
	- Creating a Matrix Report in Reports 11g	143
	- Totalling a Matrix Report in Reports 11g	152
	- Creating a Matrix with Group in Reports 11g	155
	- Creating a Form Report in Reports 11g	159
	- Creating a Form Letter Report in Reports 11g	163
	- Creating a Mailing Label in Reports 11g	168
	- Exercise Four	170
Seven	PL/SQL Editor in Reports 11g	177
	- Usage of the PL/SQL Editor in Reports 11g	178
	- Anatomy of the PLSQL Editor	179
	- PLSQL Syntax in Reports 11g	180
	- Bind Variables in Reports 11g	181
	- Colour Coding	182
	- Compiling PLSQL in Reports 11g	183
	- Compilation Errors in Reports 11g	184
	- Commenting Code in Reports 11g	187
	- Navigation of Programs Within Reports 11g	188
	- Defining Program Units in Reports 11g	189
Eight	Pluggable Data Sources in Reports 11g	190
	- JDBC Query	192
	- Text Query	199
	- Textpds.conf File in Reports 11g	203
	- XML Query	209
	- Exercise Five	218
Nine	Data Model in Reports 11g	220
	- Using the Data Model in Reports 11g	221
	- System Parameters in Reports 11g	223
	- User Parameters in Reports 11g	224
	- Queries/Groups in Reports 11g	225
	- Formula Columns in Reports 11g	226
	- Summary Columns in Reports 11g	227
	- Placeholder Columns in Reports 11g	228
	- Data Links in Reports 11g	229
	- The GUI Interface of the Data Model	230
	- Toolbar of Data Model in Reports 11g	232
	- Tool Palette of Data Model in Reports 11g	233
	- SQL Query in Reports 11g	234
	- Summary Columns in Reports 11g	237
	- Formula Columns in Reports 11g	241
	- Placeholder Columns in Reports 11g	246
	- Data Links in Reports 11g	248

Reports 11g

Section	Title	Page
	- Ref Cursor Query	251
	- Cross Product Groups	256
	- Pluggable Data Sources	258
	- Groups	259
	- Groups (Method 1)	261
	- Groups (Method 2)	263
	- Groups (Method Comparisons)	265
	- Deleting Groups	266
	- Creating Reports Manually in Reports 11g	267
	- Exercise Six	268
Ten	Paper Layout	277
	- Purpose of Paper Layout in Reports 11g	278
	- Sections of Paper Layout in Reports 11g	279
	- Anatomy of Paper Layout in Reports 11g	284
	- Toolbar of Paper Layout in Reports 11g	286
	- Tool Palette of Paper Layout in Reports 11g	288
	- Rulers	289
	- Use of Frames in Reports 11g	291
	- Use of Repeating Frames in Reports 11g	292
	- Identifying Frames in Reports 11g	294
	- Frame Properties in Reports 11g	296
	- Confine Mode in Reports 11g	302
	- Conditional Formatting in Reports 11g	303
	- Inserting a Report Block in Reports 11g	309
	- Anchoring Fields in Reports 11g	314
	- File Link in Reports 11g	318
	- Inserting a Graph in Reports 11g	319
	- Exercise Seven	320
Eleven	Web Source in Reports 11g	326
	- JSP Output of Tabular Report in Reports 11g	329
	- Breakdown of JSP Web Source Tags	331
	- JSP Web Source Using Template	332
	- JSP Web Source Using Grouping	333
	- JSP Web Source Using Matrix Reports	334
	- JSP Web Source Using Totals	335
	- Editing JSP Web Source	336
	- Starting OPMN to run Web Layout	337
	- Starting Weblogic Server to run Web Layout	339
	- Exercise Eight	342
Twelve	Built in Packages in Reports 11g	347
	- Introduction	348
	- The SRW Package in Reports 11g	349
	- SRW.RUN_REPORT	350
	- SRW.DO_SQL	351
	- SRW.SET_TEXT_COLOR	352
	- SRW.SET_JUSTIFICATION	353
Thirteen	Report Parameters in Reports 11g	354
	- Types of Parameters in Reports 11g	355
	- System Parameters in Reports 11g	356
	- User Parameters in Reports 11g	357
	- Defining List of Values in Reports 11g	359
	- Defining Static List of Values	360
	- Defining Dynamic List of Values	362
	- Validating Parameters in Reports 11g	365
	- Parameter Forms in Reports 11g	366

Reports 11g

Section	Title	Page
	- Using Parameters in Reports 11g	369
	- Using Bind References With Parameters	370
	- Using Lexical References	373
	- Exercise Nine	375
Fourteen	Report Triggers in Reports 11g	381
	- Firing Programs Within Reports 11g	382
	- Before Parameter Form	384
	- After Parameter Form	385
	- Before Report	386
	- Between Pages	387
	- After Report	388
	- Program Units	389
	- Exercise Ten	390
Fifteen	Bookmarks in Reports 11g	394
	- Bookmarking Sections in Reports 11g	395
	- Bookmarking Examples in Reports 11g	396
	- Creating Bookmarks in Reports 11g	398
	- SRW.SET_BOOKMARK	401
	- Creating using the Property Inspector	403
	- Exercise Eleven	405
Sixteen	Drill Down Reporting	412
	- Hyperlinking Reports	413
	- SRW.RUN_REPORT	417
	- Exercise Twelve	421
Seventeen	The Use of Templates in Reports 11g	424
	- The Purpose of Templates in Reports 11g	425
	- Pre-defined Paper Templates in Reports 11g	426
	- Pre-defined Web Templates in Reports 11g	427
	- Pre-defined Templates in Reports 11g	428
	- Creating New Paper Templates in Reports 11g	429
	- Using New Paper Templates in Reports 11g	435
	- Creating New Web Templates in Reports 11g	437
	- Incorporating Templates in Reports 11g	444
Eighteen	Incorporating Graphs in Reports 11g	448
	- Creating Graphs in Reports 11g	449
	- Types of Graphs in Reports 11g	451
	- Positioning Graphs in Reports 11g	452
	- Defining Axis in Reports 11g	453
	- Defining Graph Titles in Reports 11g	456
	- Defining Colour Options in Reports	458
	- Defining Hyperlinks in Reports 11g	462
	- Graphs in Paper Output	466
	- Returning to the Graph Wizard	467
	- Positioning Graphs in Web Output	468
	- The Graph Tag in Web Output	470
	- Re-running Graphs in Web Output	473
Nineteen	Long Objects in Reports 11g	474
	- What are Long Objects ?	475
	- Using LOBs in Reports 11g	476
	- Exercise Thirteen	481
Twenty	Additional Features of Reports 11g	489
	- File Conversion in Reports 11g	490
	- Tracing in Reports 11g	491
	- Compiler	493
	- Stored PLSQL Editor in Reports 11g	496

Reports 11g

Section	Title	Page
	- Database Trigger Editor	498
Twenty One	PL/SQL Libraries in Reports 11g	499
	- Using Libraries in Reports 11g	500
	- Creating and Populating Libraries	501
	- Attaching Libraries to Reports	502
	- Updating Libraries in Reports 11g	505
Twenty Two	Help Facility in Reports 11g	506
	- Help Contents	508
	- About Reports Builder	511
	- Exercise Fourteen	512

