

Reports 10g

Section	Title	Page	
One	Introduction to Reports 10g	2	
	- What is Reports 10g ?	3	
	- Reports 10g Destinations	5	
	- Report Extensions in Reports 10g	6	
	- Running Reports	7	
	- Creating Dynamic Reports	8	
Two	Reports 10g Builder	9	
	- Starting Reports 10g	10	
	- 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 10g		25	
- Web and Paper Output in Reports 10g		29	
- Report Styles in Reports 10g		31	
- Tabular Report Style in 10g		32	
- Group Left Report Style in 10g		33	
- Group Above Report Style in 10g		35	
- Matrix Report Style in 10g		36	
- Matrix Group Report Style in 10g		39	
- Form-like Report Style in 10g		40	
- Form Letter Report Style in 10g		42	
- Mailing Label Report Style in 10g		43	
- Report Wizards Dialogs in Reports 10g		45	
- Relationship of Tabs with Report 10g Styles		47	
- The Data Source Option in Reports 10g		48	
- The Data Option in Reports 10g		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 10g		69	
- The Fields Option in Reports 10g		70	
- The Totals Option in Reports 10g		72	
- The Labels Option in Reports 10g		73	
- The Template Option in Reports 10g		75	
- The Completed Report in Reports 10g		76	
- Re-Running the Report Wizard		78	
- <i>Exercise One</i>		79	
Four		Creating Totals in Reports 10g	85
		- Types of Totals Available in Reports 10g	86
		- Using the Report Wizard to Create Totals	87
	- <i>Exercise Two</i>	93	

Reports 10g



Section	Title	Page
Five	Paper Design in Reports 10g	99
	- Editing Reports within Reports 10g	100
	- Running Paper Design within Reports 10g	101
	- Anatomy of Paper Design within Reports 10g	103
	- Toolbars	104
	- Tool Palette	107
	- Functionality of Paper Design in Reports 10g	108
	- Making Changes in Reports 10g	110
	- Using the Flex Option in Reports 10g	112
	- Changing Colours of Elements in Reports 10g	116
	- Selecting Parent Frames	117
	- Adding Fields to the Paper Design	120
	- Property Inspector in Reports 10g	121
	- Using Read from File in Reports 10g	126
	- <i>Exercise Three</i>	129
Six	Report Styles in Reports 10g	133
	- Creating a Group Left Report in Reports 10g	134
	- Creating a Group Above in Report	138
	- Totalling in Group Reports	140
	- Creating a Matrix Report in Reports 10g	143
	- Totalling a Matrix Report in Reports 10g	153
	- Creating a Matrix with Group in Reports 10g	156
	- Creating a Form Report in Reports 10g	160
	- Creating a Form Letter Report in Reports 10g	164
	- Creating a Mailing Label in Reports 10g	169
	- <i>Exercise Four</i>	171
Seven	PL/SQL Editor in Reports 10g	178
	- Usage of the PL/SQL Editor in Reports 10g	179
	- Anatomy of the PLSQL Editor	180
	- PLSQL Syntax in Reports 10g	181
	- Bind Variables in Reports 10g	182
	- Colour Coding	183
	- Compiling PLSQL in Reports 10g	184
	- Compilation Errors in Reports 10g	185
	- Commenting Code in Reports 10g	188
	- Navigation of Programs Within Reports 10g	189
	- Defining Program Units in Reports 10g	190
Eight	Pluggable Data Sources in Reports 10g	191
	- Express Server Query	193
	- JDBC Query	194
	- OLAP Query	201
	- Text Query	206
	- Textpds.conf File in Reports 10g	210
	- XML Query	215
	- <i>Exercise Five</i>	221
Nine	Data Model in Reports 10g	223
	- Using the Data Model in Reports 10g	224
	- System Parameters in Reports 10g	226
	- User Parameters in Reports 10g	227

Reports 10g



Section	Title	Page
	- Queries/Groups in Reports 10g	228
	- Formula Columns in Reports 10g	229
	- Summary Columns in Reports 10g	230
	- Placeholder Columns in Reports 10g	231
	- Data Links in Reports 10g	232
	- The GUI Interface of the Data Model	233
	- Toolbar of Data Model in Reports 10g	235
	- Tool Palette of Data Model in Reports 10g	236
	- SQL Query in Reports 10g	237
	- Summary Columns in Reports 10g	240
	- Formula Columns in Reports 10g	244
	- Placeholder Columns in Reports 10g	249
	- Data Links in Reports 10g	251
	- Ref Cursor Query	254
	- Cross Product Groups	259
	- Pluggable Data Sources	261
	- Groups	262
	- Groups (Method 1)	264
	- Groups (Method 2)	266
	- Groups (Method Comparisons)	268
	- Deleting Groups	269
	- Creating Reports Manually in Reports 10g	270
	- <i>Exercise Six</i>	271
Ten	Paper Layout	280
	- Purpose of Paper Layout in Reports 10g	281
	- Sections of Paper Layout in Reports 10g	282
	- Anatomy of Paper Layout in Reports 10g	287
	- Toolbar of Paper Layout in Reports 10g	289
	- Tool Palette of Paper Layout in Reports 10g	291
	- Rulers	292
	- Use of Frames in Reports 10g	294
	- Use of Repeating Frames in Reports 10g	295
	- Identifying Frames in Reports 10g	297
	- Frame Properties in Reports 10g	299
	- Confine Mode in Reports 10g	305
	- Conditional Formatting in Reports 10g	306
	- Inserting a Report Block in Reports 10g	312
	- Anchoring Fields in Reports 10g	317
	- File Link in Reports 10g	321
	- Inserting a Graph in Reports 10g	322
	- <i>Exercise Seven</i>	323
Eleven	Web Source in Reports 10g	329
	- JSP Output of Tabular Report in Reports 10g	332
	- Breakdown of JSP Web Source Tags	334
	- JSP Web Source Using Template	335
	- JSP Web Source Using Grouping	336
	- JSP Web Source Using Matrix Reports	337
	- JSP Web Source Using Totals	338
	- Editing JSP Web Source	339

Reports 10g

Section	Title	Page
	– <i>Exercise Eight</i>	340
Twelve	Built in Packages in Reports 10g	345
	– Introduction	346
	– The SRW Package in Reports 10g	347
	– SRW.RUN_REPORT	348
	– SRW.DO_SQL	349
	– SRW.SET_TEXT_COLOR	350
	– SRW.SET_JUSTIFICATION	351
Thirteen	Report Parameters in Reports 10g	352
	– Types of Parameters in Reports 10g	353
	– System Parameters in Reports 10g	354
	– User Parameters in Reports 10g	355
	– Defining List of Values in Reports 10g	357
	– Defining Static List of Values	358
	– Defining Dynamic List of Values	360
	– Validating Parameters in Reports 10g	363
	– Parameter Forms in Reports 10g	364
	– Using Parameters in Reports 10g	367
	– Using Bind References With Parameters	368
	– Using Lexical References	371
	– <i>Exercise Nine</i>	373
Fourteen	Report Triggers in Reports 10g	379
	– Firing Programs Within Reports 10g	380
	– Before Parameter Form	382
	– After Parameter Form	383
	– Before Report	384
	– Between Pages	385
	– After Report	386
	– Program Units	387
	– <i>Exercise Ten</i>	388
Fifteen	Bookmarks in Reports 10g	392
	– Bookmarking Sections in Reports 10g	393
	– Bookmarking Examples in Reports 10g	394
	– Creating Bookmarks in Reports 10g	396
	– SRW.SET_BOOKMARK	399
	– Creating using the Property Inspector	401
	– <i>Exercise Eleven</i>	403
Sixteen	Drill Down Reporting	410
	– Hyperlinking Reports	411
	– SRW.RUN_REPORT	415
	– <i>Exercise Twelve</i>	419
Seventeen	The Use of Templates in Reports 10g	422
	– The Purpose of Templates in Reports 10g	423
	– Pre-defined Paper Templates in Reports 10g	424
	– Pre-defined Web Templates in Reports 10g	425
	– Pre-defined Templates in Reports 10g	426
	– Creating New Paper Templates in Reports 10g	427
	– Using New Paper Templates in Reports 10g	433
	– Creating New Web Templates in Reports 10g	435

Reports 10g

Section	Title	Page	
Eighteen	Incorporating Graphs in Reports 10g	- Incorporating Templates in Reports 10g	442
		- Creating Graphs in Reports 10g	446
		- Types of Graphs in Reports 10g	447
		- Positioning Graphs in Reports 10g	449
		- Defining Axis in Reports 10g	450
		- Defining Graph Titles in Reports 10g	451
		- Defining Colour Options in Reports	454
		- Defining Hyperlinks in Reports 10g	456
		- Graphs in Paper Output	459
		- Returning to the Graph Wizard	464
		- Positioning Graphs in Web Output	466
		- The Graph Tag in Web Output	470
		- Re-running Graphs in Web Output	473
- Copying Graphs from Paper to Web	474		
Nineteen	Long Objects in Reports 10g	- What are Long Objects ?	475
		- Using LOBs in Reports 10g	476
		- <i>Exercise Thirteen</i>	477
			482
Twenty	Additional Features of Reports 10g	- File Conversion in Reports 10g	490
		- Tracing in Reports 10g	491
		- Compiler	492
		- Stored PLSQL Editor in Reports 10g	494
		- Database Trigger Editor	497
			499
			500
Twenty One	PL/SQL Libraries in Reports 10g	- Using Libraries in Reports 10g	501
		- Creating and Populating Libraries	502
		- Attaching Libraries to Reports	503
		- Updating Libraries in Reports 10g	506
		- Report 10g Modules with Libraries	507
			510
Twenty Two	Help Facility in Reports 10g	- Help Contents	512
		- About Reports Builder	515
		- <i>Exercise Fourteen</i>	516

Appendices :

- Appendix R1 - SQL Functions**
- Appendix R2 - Number Formats**
- Appendix R3 - Date Formats**

Delegate Questionnaire