



Wilshire Software Technologies

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PL/SQL Schedule	
Topics	
Week - 1	PL/SQL Basics : Introduction to PL/SQL, The Benefits of PL/SQL, PL/SQL Environment
	Datatypes And Variables in PL/SQL : Scalar Datatypes (%Type), Composite Datatypes (%RowType), Difference Between PL/SQL Variable and Non-PL/SQL Variable.
	Conditional Structure : Conditional Control Statements, IF...END IF, IF...ELSIF...END IF IF...ELSIF...ELSE...END IF.
	Iterations in PL/SQL : Simple Loop Or Basic Loop, While Loop, For Loop.
	Writing Implicit & Explicit Cursors : Implicit Cursor Attributes, Explicit Cursor Attributes Cursor in Loops : i) Cursors in SIMPLE LOOP, ii) Cursors in FOR LOOP, iii) Cursors in WHILE LOOP.
	Advanced Explicit Cursors : Cursors with SUBQUERIES, Cursors with PARAMETERS, Cursors with FOR UPDATE CLAUSE & WHERE CURRENT OF CLAUSES.
	Exceptions in PL/SQL Anonymous Block : Predefined Exceptions, Non-Predefined Exceptions, User-Defined Exceptions, Handled Exception in an Anonymous Block, Unhandled Exception in an Anonymous Block.
Week - 2	Subprograms : Introduction to Stored Procedure, Introduction to Stored Function. Stored Procedure : Stored procedures with Parameters, In Mode Parameter, Out Mode Parameter, In Out Mode Parameter.
	Procedure with Exceptions : Handled Exception in Procedures, Unhandled Exception in Procedures, Working with User-Defined Functions.
	Packages : Package Specification, Package Body, Exploring Various Data dictionary Views.
	Manipulating LOB Datatypes : Types of LOBS, Managing LARGE OBJECTLOB Datatypes.
	Triggers : Application Trigger, Database Trigger, I) Statement Level Trigger, ii) Row-Level Trigger.
	Autonomous Transaction : Controlling Transactions independently
Week - 3	Ref Cursor : Advantages of Cursor Variables, Dynamic behavior of cursor using Cursor Variables.
	User Defined Types : I) Records, ii) Associative Array (or) Index by tables. a) Creating an index by table, b) Using Index by table methods
	Nested Table : Working with Nested Table
	... End of the Course ...