Wizards Training

Oracle PL/SQL Training Course Curriculum
Duration: Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm
Weekdays - Mon, Wed, Fri: 6.30pm – 9.30pm or Tue, Thu: 6.30pm – 9.30pm

ORACLE PL/SQL

Fundamentals of PL/SQL

- Lexical Units
- Data types
- Data type conversion
- Explicit conversion
- Implicit conversion
- Date
- Declarations
- Default value
- NOT NULL
- Forward Reference
- Aggregate Assignment
- Using Aliases
- Naming Conventions
- Scoping
- Case sensitivity
- Name Resolution
- Assignment
- Database Value
- Expressions and Comparisons
- Logical operators
- Order of Evaluation
- Built-in Functions in PL/SQL

Control Structures

- Conditional Control Statements
- Guidelines for using IF statements
- Iterative Statements
- FOR LOOP
- Scope of counter variable
- EXIT statement
- WHILE LOOP
- LOOP.... EXIT statement
- GOTO statements
- NULL statement

Interaction with Oracle

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- SELECT ... INTO statement
- Cursor
- Declaration
- Opening a cursor
- Closing a cursor
- Using Cursor FOR loops

Training Location: 1039 Sterling Road, Ste. 103, Herndon-VA-20170. USA.
Ph: 703-263-7278, 703-968-6268 Fax: 703-935-8849 training @wizardsedu.com

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substituting sub queries in place of cursor
Using aliases for fields
Cursor Attributes
Examples related with cursor
Implicit Cursor Attributes
Cursor Variables
Opening cursor
Opening a cursor variable in stored procedure
Fetching data from cursor
Closing cursor
Reducing Network Traffic by Using Cursor variables
Exception in case of cursor
Exceptions due to Aliasing
Use of cursor in package
Transaction control statements
Rollback
Save Point
Implicit save point
Ending of transactions
Fetching across commit
Error Handling
Exceptions
Utility of Exceptions
Built-in Exceptions
User-defined exceptions
Subprograms
Procedures
Functions
Parameters
Methods of passing actual parameters
Mode of passing parameters