CIS 305 – PL/SQL Programming

Course Description

This course covers the concept, design and components of the Oracle PL/SQL programming language. The student learns the creation of tables, defining transactions, basics of SQL, basics of PL/SQL, creating records and tables, the application of cursors, creating programming constructs, writing code to interface with the database and handling run-time errors.

Instructional Materials


Course Learning Outcomes

1. Apply the basic concepts in the Oracle Architecture and its implementation with PL/SQL
2. Write executable statements.
3. Interact with the Oracle Server by writing code and issuing control statements.
4. Write Control Structures.
5. Use composite data types such as records and tables.
6. Write PL/SQL code to employ explicit cursors.
7. Write PL/SQL code to employ handling exceptions and run-time errors.
8. Create named procedures and functions.