

Week 7 - PL/SQL

Observation (5)

1. Write a brief note on synonym, sequence and index with syntax and example.
2. Study and explore **PL/SQL** programs.
(eg Basic syntax, Data types, variables, Constants & Literals, Operators, Condition, Loops, Strings, Arrays, Procedures and Functions...etc)
3. Write any 2 simple PL/SQL programs.

Execution (15)

1. **Simple PL/SQL programs (4)**
 - a) Write a PL/SQL procedure to find sum and average of three numbers
 - b) Write a PL/SQL procedure to find the greatest of three numbers
 - c) Write a PL/SQL procedure to find the factorial of a given number
 - d) Write a PL/SQL procedure to generate Fibonacci series
2. Write a PL/SQL procedure to insert the patient record into the pat-entry table (2)
3. Write a PL/SQL procedure to delete a record in the pat-entry table. (2)
4. Write a PL/SQL procedure to retrieve (3)
 - a) Operated patient details
 - b) In-patient details
 - c) Discharged patient details
5. Write a PL/SQL procedure to display the sum of salaries in specified department (2)
6. Write a PL/SQL procedure to calculate maximum of two salaries, fetch the salaries of any two doctors and find the maximum salary. (2)