Department of Software Engineering

Faculty of Computing and Technology, University of Kelaniya

Advanced Database Applications [DSCI 32012]

PL/SQL Tutorial – Control Statements

1. Write a PL/SQL program to display the title of the jobs as follows. Use IF-THEN-ELSIF statement

   MGR – Manager

   ACC - Accountant

   PRES – President

2. Write a PL/SQL program to find and display the salary increment for a user given employee id as follows. Use IF-THEN-ELSIF statement.

   Salary > 20000 : increment = 5000

   Salary > 15000 : increment = 3000

   Salary > 10000 : increment = 2000

   Salary > 5000 : increment = 1000

   For other salaries no increment is given

3. Write a PL/SQL program to compare the salary of a given employee with the average salary of all employees. Display whether the salary of the given employee is greater/equal/less than the average salary.

4. Write an SQL program to display first name and new salary of the employee according to their job id as follows. Use CASE statement.

   SA_REP   double the current salary

   AC_ACCOUNT 5 times the current salary

   IT_PROG   10 times the current salary

5. Write an SQL program to find the salary increment of all employees as follows. Use CASE statement.

   Salary > 20000 : increment = 5000

   Salary > 15000 : increment = 3000

   Salary > 10000 : increment = 2000

   Salary > 5000 : increment = 1000

   For other salaries no increment is given

6. Write a PL/SQL program to display the multiples of 10 starting from 100.
   Using Basic LOOP
   Using WHILE LOOP
   Using FOR LOOP

7. Write a PL/SQL program to display multiples of 10 excluding 50.