ASSIGNMENT - 2

1. From the EMP table show the minimum, maximum and average basic for each department.

2. Find the number of female employees in each department.

3. Find the city wise no. of employees for each department.

4. Show the designation wise no of employees who have joined in the year 2000 in each department. The listing should app ear in the ascending order of no. of employees.

5. Find the department wise total basic of male employees only for the departments for which such total is more than 50, 000 and the listing should appear in the descending order of total basic.

6. Show the employee name , Designation description and basic for all employees.

7. Show the employee name, Designation description, Department Name & Basic for all employees.

8. Find the department Codes in which no employee works.

9. Find the department names where at least one employee works.

10. Find the department names where at least 10 employees work.

11. Find the department code in which employee with highest Basic works.

12. Find the Designation description of the employee with highest basic.

13. Find the no. of managers in each department.

14. Find the maximum basic from EMP table without using MAX().

15. Find the minimum basic from EMP table without using MIN().

16. Find the name of the department with highest total basic. Do the same for highest average basic and maximum no. of e mployee.

17. Insert same rows into EMP table with designation code not existing in DESIGNATION table.

18. Delete the rows from EMP table with invalid DESIG_CODE.

19. Find the name of the female employees with basic greater than the average basic of their respective department.

20. Find the number of female managers.

ASSSIGNMENT-3

1.In an organization number of departments exist. Each department has a name & unique code. Number of employees work in each department. Each employee has unique employee code. Detailed information like name, address, city, basic, date of join are also stored. In a leave register for each employee leave records are kept showing leave type (CL/EL/ML etc.),from date , to-date. When an employee retires or resigns then all the leave information pertaining to him are also deleted. Basic salary must be within Rs.5000 to Rs.9000. A department can not be deleted if any employee record refers to it. Valid grades are A/B/C. Employee name must be in uppercase only. Default value for joining date is system date.

Design & implement the tables with necessary constraints to support the scenario depicted above.

2.Try to violate the constraints that you have implemented in the table & note , what happens. [Try with suitable INSERT/UPDATE/DELETE instruction]

3. a) create a view showing employee code, Name,dcode & Basic for a particular department.
b)Try to ensure a row into the view with valid department & also with invalid ones.
c)Find the newly inserted row in the table From which view was created.
d) Try to increment basic by Rs.100/-
e) Check it in the original table.
f) Delete the view.
4. a)create a view Showing empcode, Name, Deptname Basic, leave type, From date & to date.
b)Try to insert a row in the view check what happens?
c) Try to increment basic by Rs.100.
d) Delete the view.

5. a)Create a table having empcode , Name, Deptname, & basic From the existing tables alongwith the records of the employee who are in a particular department(say, d1) and with a basic Rs 7000/-
b) From the existing table add the employees with the basic salary greater than or equal to 7000/ -
c) Alter the table to add a net pay column.
d) Replace net pay with 1.5* Basic.
e) Try to remove the net net pay column.
[It may require no. of steps]

6. Drop all the tables that you have created.