**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.600000 to 3000000. 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 insert 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 along with the records of the employee who are in a particular department(say, d1)

b) From the existing table add the employees with the basic salary greater than or equal to 2400000/ -

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.