D B M S LAB
ASSSIGNMENT-3

1. In an organization, number of departments exists. 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 and 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 along with 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 .   .

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