

D B M S LAB
DBMS LAB
THIRD ASSIGNMENT ON DESIGN and SQL

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 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 $1.5 \times \text{Basic}$.
 e) Try to remove the net net pay column.
 [It may require no. of steps]

4. Drop all the tables that you have created . . .