# SQL MOCK

1] WAQTD DIFFERENT NAMES OF EMP'S WITH THEIR SALARIES AND ANNUAL SALARY IF THERE SALARY IS IN THE RANGE OF 2000 TO 3000 RPS AND THE ANNUAL SALARY SHOULD EXCEED 29400 RPS.

2] WAQTD NAMES OF EMP'S WHO ARE WORKING IN THE DEPTNO 10,40,30,20 EXCEPT SALESMAN & MANAGER'S & SHOULD BE HIRED AFTER 1982.

3] WAQTD DETAILS OF EMP'S WITH THEIR HALF_TERM SALARY IF EMP HIRED IN THE MONTH OF FEBRUARY OR DECEMBER EXCEPT THE RANGE OF EMPID'S 7369 TO 7521.

4] WAQTD NUMBER OF EMP'S IN EACH DEPTNO IF EMP GOT HIRED IN THE YEAR 1981, EMP NAME SHOULD BE HAVING CHAR 'E' IN THE NAME.

5] WAQTD NUMBER OF EMP'S, MAXIMUM SALARY, MINIMUM SALARY , TOTAL SALARY IN EACH DEPTNO IF EMP'S IS NOT EARNING ANY COMMISSION BUT HAVING MANAGER NUMBER, & THERE SHOULD BE AT LEAST 2 EMP'S, MAXIMUM SALARY SHOULD CROSS 2450 RPS, MINIMUM SALARY SHOULD BE EITHER 800 OR 950 RPS WITH 4 OR 5 DIGIT TOTAL SALARY.

6] WAQTD NUMBER OF EMP'S IN EACH DESIGNATION IF EMP IS HAVING CHAR 'L' OR 'N' IN THE DESIGNATION WITH AT LEAST 2 EMP'S IN EACH DESIGNATION WITH 4 DIGIT MAXIMUM SALARY & THE MINIMUM SALARY SHOULD NOT BE IN THE RANGE OF 100 TO 1000 RPS, AND SORT THE DATA BASED ON **GROUP_BY_EXPRESSION**.

7] WAQTD THE O/P IN THE FOLLOWING FORMAT :

MR.ABC YOU HIRED ON XYZ AND WORKING AS A PQR WITH 23% HIKE OF SALARY HJY

[IF EMP HIRED BEFORE 1982 EXCEPT THE MONTH OF SEPTEMBER 1981, AND EMP SHOULD BE EITHER 'ANALYST' OR 'PRESIDENT']

8] WRITE THE NAMES OF EMP'S & SALARY IF EMP IS HAVING VOWELS IN THE NAME EXC  EPT THE DEPTNO 20 EMP'S & THE SALARY SHOULD BE AT LEAST 2450 & ATMOST 3000 RPS & ARRANGE THE DATA BASED ON NAMES IN DESCENDING.

9] WAQTD MAXIMUM SALARY, MIN SAL, TOTAL SAL & NUMBER OF EMP'S IN THE EMP TABLE IF EMP IS EARNING SALARY, NAME SHOULD NOT CONTAIN CHAR 'S' & EMP SHOULD BE WORKING EITHER IN DEPTNO 10 OR 30.

10] WAQTD NAME OF THE EMP WHO IS EARNING MORE THAN 1000 BUT LESS THAN 5000, SHOULD BE HAVING MANAGER NUMBER IN THE RANGE OF 7000 TO 8000 EXCEPT THE 'CLERK' AND 'MANAGER', THE NAME SHOULD BE HAVING CHAR 'R' AT 4TH LAST POSITION & EMP SHOULD BE EARNING COMMISSION [SORT THE DATA BASED ON SALARY MAXIMUM TO MINIMUM].

11] WRITE THE DIFFERENCES BETWEEN WHERE AND HAVING CLAUSE.

12] EXPLAIN ORDER BY CLAUSE.

13] WRITE THE SYNTAX OF HAVING CLAUSE WITH ORDER OF EXECUTION.