Lab sheet 3

PMDS506P Database Management systems.

Q1. Create a table EMPLOYEES with the attributes EMPNO, NAME, JOB, HIREDATE, SAL, DEPTID and populate it with the following data.

7369	SMITH	CLERK	17-DEC-19	800	20
7499	ALLEN	SALESMAN	20-FEB-19	1600	30
7521	WARD	SALESMAN	22-FEB-19	1250	30
7566	JONES	MANAGER	02-APR-19	2975	20
7654	MARTIN	SALESMAN	28-SEP-19	1400	30
7698	BLAKE	MANAGER	01-MAY-19	2850	30
7782	CLARK	MANAGER	09-JUN-19	2450	10
7788	SCOTT	ANALYST	19-APR-19	3000	20
7839	KING	PRESIDENT	17-NOV-19	5000	10
7844	TURNER	SALESMAN	08-SEP-19	1500	30
7876	ADAMS	CLERK	23-MAY-19	1100	20
7900	JAMES	CLERK	03-DEC-19	950	30
7902	FORD	ANALYST	03-DEC-19	3000	20
7934	MILLER	CLERK	23-JAN-19	1300	10

1) List the names of all the employees where the Department ID is 20.
2) List all employees with salary more than 1000 and who belong to department with id 30.
3) Display the table entries with ascending order of their salary.
4) Display all entries with salary > 2000 with the entries ordered in descending order with respect to the department ids.
5) Display all records from the table whose name starts with A.
6) Display all records from the table whose name ends in R.
7) Add a new row with details of some employee and keep the salary as NULL.
8) List all entries in the table with names not containing the alphabet A in their name.
9) Display the name, job, salary, salary with 50% increment for all the employees who are salesman.
10) Find the list of names of employees whose salary is between 15 and 25.
11) List out all the employees who belong to either of the three-job category: Clerk, Salesman, manager. (using 'in');
12) List the details of all the employee who is not a manager.
13) Display all the records in the table with salary as NULL.
14) Display all the records in the table where salary is not NULL.