Assignment 1

Name : Hrithvik kondalkar   **Roll:002211001088**

1. *Show the details of all employees.*

   SELECT * FROM EMP;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	PHONENO	ADDRESS
7369	SMITH	CLERK	7902	17-DEC-80	800	-	20	-	-
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30	-	-
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30	-	-
7566	JONES	MANAGER	7839	02-APR-81	2975	-	20	-	-
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30	-	-
7698	BLAKE	MANAGER	7839	01-MAY-81	2850	-	30	-	-
7782	CLARK	MANAGER	7839	09-JUN-81	2450	-	10	-	-
7788	SCOTT	ANALYST	7566	19-APR-87	3000	-	20	-	-
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10	-	-
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30	-	-
7876	ADAMS	CLERK	7788	23-MAY-87	1100	-	20	-	-
7900	JAMES	CLERK	7698	03-DEC-81	950	-	30	-	-
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20	-	-
7934	MILLER	CLERK	7782	23-JAN-82	1300	-	10	-	-

2. *Show the department no. and name of all departments.*

   SELECT deptno , dname FROM dept;

DEPTNO	DNAME
10	ACCOUNTING
20	RESEARCH
30	SALES
40	OPERATIONS

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3. *Display the employee id, name and department no of all employees whose department no is 20.*
    SELECT empno,ename,deptno FROM emp WHERE deptno =20;

EMPNO	ENAME	DEPTNO
7369	SMITH	20
7566	JONES	20
7788	SCOTT	20
7876	ADAMS	20
7902	FORD	20

4. *Display the details of all employees where department no should be in descending order.*
    SELECT * FROM emp ORDER BY deptno desc;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	PHONENO	ADDRESS
7698	BLAKE	MANAGER	7839	01-MAY-81	2850	-	30	-	-
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30	-	-
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30	-	-
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30	-	-
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30	-	-
7900	JAMES	CLERK	7698	03-DEC-81	950	-	30	-	-
7788	SCOTT	ANALYST	7566	19-APR-87	3000	-	20	-	-
7566	JONES	MANAGER	7839	02-APR-81	2975	-	20	-	-
7369	SMITH	CLERK	7902	17-DEC-80	800	-	20	-	-
7876	ADAMS	CLERK	7788	23-MAY-87	1100	-	20	-	-
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20	-	-
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10	-	-
7934	MILLER	CLERK	7782	23-JAN-82	1300	-	10	-	-
7782	CLARK	MANAGER	7839	09-JUN-81	2450	-	10	-	-

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5. *Show all available jobs in the employee table.*

   SELECT DISTINCT job FROM emp;

JOB
CLERK
SALESMAN
ANALYST
MANAGER
PRESIDENT

6. *Show the name, Annual Salary and department no of employees who works as a clerk in department 20.*

   SELECT ename, sal, deptno FROM emp WHERE deptno=20 AND job = 'CLERK';

ENAME	SAL	DEPTNO
SMITH	800	20
ADAMS	1100	20

7. *Show the name and HIRED date of those employee whose name start with 'S' or second character is 'C'.*

   SELECT ename, hiredate FROM emp WHERE ename LIKE 'S%' OR ename LIKE '_C%';

ENAME	HIREDATE
SMITH	17-DEC-80
SCOTT	19-APR-87

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8. *Show the name, hire date and salary of those employee who are not a manager.*

    SELECT ename, hiredate, sal FROM emp WHERE job!='MANAGER';

ENAME	HIREDATE	SAL
SMITH	17-DEC-80	800
ALLEN	20-FEB-81	1600
WARD	22-FEB-81	1250
MARTIN	28-SEP-81	1250
SCOTT	19-APR-87	3000
KING	17-NOV-81	5000
TURNER	08-SEP-81	1500
ADAMS	23-MAY-87	1100
JAMES	03-DEC-81	950
FORD	03-DEC-81	3000
MILLER	23-JAN-82	1300

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9. *Display all employee names in title case and length of the name.*

   SELECT INITCAP(ename), LENGTH(ename) from emp;

INITCAP(ENAME)	LENGTH(ENAME)
Smith	5
Allen	5
Ward	4
Jones	5
Martin	6
Blake	5
Clark	5
Scott	5
King	4
Turner	6
Adams	5
James	5
Ford	4
Miller	6

10. *Display the name of employee who gets the salary between 4000 to 6000.*

    SELECT ename FROM emp WHERE sal BETWEEN 4000 AND 6000;

ENAME
KING