Lab Assignment-2

1. Create table emp which has the following attributes (employee table)

(empno, ename, job, sal, deptno)

Statement:

CREATE TABLE emp(empno int, ename varchar(20), job varchar(20), salary int, deptno int);

Output:

Table created.

2. Insert appropriate records in above tables.

Statement:

INSERT into emp VALUES (1, 'Camper', 'Salesperson', 20000, 21);

INSERT into emp VALUES (2, 'Tanya', 'Clerks', 30000, 10);

INSERT into emp VALUES (4, 'Bhavesh', 'teacher', 25000, 20);

INSERT into emp VALUES (5, 'Dhruv', 'HR', 50000, 30);

INSERT into emp VALUES (6, 'Camper', 'Manager', 40000, 21);

Output:

```
1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.
```

3. Get employee no and employee name who works in dept no 10

Statement:

SELECT empno, ename from emp where deptno = 10;

Output:

EMPNO	ENAME
2	Tanya

4. Display the employee names of those clerks whose salary > 2000

Statement:

SELECT ename from emp where job = 'Clerks' and salary > 20000;

Output:

ENAME
Tanya

5. Display name and sal of Salesperson & Clerks

Statement:

SELECT ename from emp where job = 'Clerks' and salary > 20000;

Output:

ENAME	SALARY
Camper	20000
Tanya	30000

6. Display all details of employees whose salary between 2000 and 3000

Statement:

SELECT * from emp where salary BETWEEN 20000 and 30000;

Output:

EMPNO	ENAME	JOB	SALARY	DEPTNO
1	Camper	Salesperson	20000	21
2	Tanya	Clerks	30000	10
4	Bhavesh	teacher	25000	20

7. Display all details of employees whose dept no is 10, 20, or 30

Statement:

SELECT * from emp where deptno IN (10, 20, 30);

Output:

EMPNO	ENAME	JOB	SALARY	DEPTNO
2	Tanya	Clerks	30000	10
4	Bhavesh	teacher	25000	20
5	Dhruv	HR	50000	30

8. Display name of those employees whose commission is NULL

Statement:

SELECT * from emp where deptno IN (10, 20, 30);

Output:

EMPNO	ENAME	JOB	SALARY	DEPTNO
6	Aditya	HR	-	21

9. Display dept no & salary in ascending order of dept no and with in each dept no

salary should be in descending order

Statement:

SELECT * from emp where salary IS NULL;

Output:

DEPTNO	SALARY
10	30000
20	25000
21	-
21	40000
21	20000
30	50000

Download CSV

10. Display name of employees that starts with 'C'

Statement:

SELECT ename from emp where ename like 'C%';

Output:

ENAME
Camper
Camper

11. Display name of employees that ends with with 'C'

Statement:

SELECT ename from emp where ename like '%C';

Output:

no data found

12. Display name of employees having two 'a' or 'A' chars in the name

Statement:

SELECT ename from emp where ename like '%a%a%';

Output:

ENAME
Tanya

13. Display the name of the employees whose second char is 'b' or 'B'

Statement:

SELECT ename from emp where ename like '_b%';

Output:

```
no data found
```

14. Display the name of the employees whose first or last char is 'a' or 'A'

Statement:

SELECT ename from emp where lower(ename) like '%a' or lower(ename) like 'a%';

Output:

ENAME
Tanya
Aditya