SQL> create table exp6

(empno number(2),

name varchar(10),

city varchar(10),

state varchar(10),

salary number(7));

Table created.

SQL> insert into exp6 values (1, 'mike', 'mumbai', 'M', 30000);

1 row created.

SQL> insert into exp6 values (2, 'jackson', 'calcutta', 'WB', 25000);

1 row created.

SQL> insert into exp6 values (3, 'mark', 'bangalore', 'K', 25000);

1 row created.

SQL> insert into exp6 values (4, 'clarie', 'mumbai', 'M', 40000);

1 row created.

SQL> insert into exp6 values (5, 'joyce', 'mumbai', 'M', 40000);

1 row created.

SQL> insert into exp6 values (6, 'susan', 'bangalore', 'K', 45000);

1 row created.

SQL> insert into exp6 values (7, 'mary', 'calcutta', 'WB', 30000);

1 row created.

SQL> insert into exp6 values (8, 'peter', 'bangalore', 'K', 35000);

1 row created.

SQL> select \* from exp6;

EMPNO NAME CITY STATE SALARY

---------- ---------- ---------- ---------- ----------

1 mike mumbai M 30000

2 jackson calcutta WB 25000

3 mark bangalore K 25000

4 clarie mumbai M 40000

5 joyce mumbai M 40000

6 susan bangalore K 45000

7 mary calcutta WB 30000

8 peter bangalore K 35000

8 rows selected.

**q1. list the emp name, city, whose city is mumbai and salary is >30000;**

SQL> select name, city from exp6 where city='mumbai' and salary>30000;

NAME CITY

---------- ----------

clarie mumbai

joyce Mumbai

**q2. List emp name, salary whose salary between 25000-40000;**

SQL> select name, salary from exp6 where salary between 25000 and 40000;

NAME SALARY

---------- ----------

mike 30000

jackson 25000

mark 25000

clarie 40000

joyce 40000

mary 30000

peter 35000

7 rows selected.

**Q3. List the rows where name starts with m.**

SQL> select \* from exp6 where name like 'm%';

EMPNO NAME CITY STATE SALARY

---------- ---------- ---------- ---------- ----------

1 mike mumbai M 30000

3 mark bangalore K 25000

7 mary calcutta WB 30000

**Q4. List the row where name starts with c and ends with e.**

SQL> select \* from exp6 where name like 'c%e';

EMPNO NAME CITY STATE SALARY

---------- ---------- ---------- ---------- ----------

4 clarie mumbai M 40000

**Q5. Retrieve the row where name starts with m and has 3 characters after that.**

SQL>

EMPNO NAME CITY STATE SALARY

---------- ---------- ---------- ---------- ----------

1 mike mumbai M 30000

3 mark bangalore K 25000

7 mary calcutta WB 30000

**Q6. List the empno of those emp whose name doesn’t starts with j.**

SQL> select empno, name, salary from exp6 where name not like 'j%';

EMPNO NAME SALARY

---------- ---------- ----------

1 mike 30000

3 mark 25000

4 clarie 40000

6 susan 45000

7 mary 30000

8 peter 35000

6 rows selected.

**Q7. List the rows where name does not end with e.**

SQL> select \* from exp6 where name not like '%e';

EMPNO NAME CITY STATE SALARY

---------- ---------- ---------- ---------- ----------

2 jackson calcutta WB 25000

3 mark bangalore K 25000

6 susan bangalore K 45000

7 mary calcutta WB 30000

8 peter bangalore K 35000

**Q8. Retrieve the rows of the emp whose emp no is not between 4 and 7.**

SQL> select \* from exp6 where empno not between 4 and 7;

EMPNO NAME CITY STATE SALARY

---------- ---------- ---------- ---------- ----------

1 mike mumbai M 30000

2 jackson calcutta WB 25000

3 mark bangalore K 25000

8 peter bangalore K 35000

**Q9. Retrieve the rows where empno are 1,5,8.**

SQL> select \* from exp6 where empno in (1,5,8);

EMPNO NAME CITY STATE SALARY

---------- ---------- ---------- ---------- ----------

1 mike mumbai M 30000

5 joyce mumbai M 40000

8 peter bangalore K 35000

**Q10. Retrieve the rows where empno is not 1,2 and doesn’t belong to the city Bangalore.**

SQL> select \* from exp6 where empno not in (1,2) and city not like 'bangalore';

EMPNO NAME CITY STATE SALARY

---------- ---------- ---------- ---------- ----------

4 clarie mumbai M 40000

5 joyce mumbai M 40000

7 mary calcutta WB 30000

**Q11. Retrieve the rows where empno is not 1,2 or doesn’t belong to the city Bangalore.**

SQL> select \* from exp6 where empno not in (1,2) or city not like 'bangalore';

EMPNO NAME CITY STATE SALARY

---------- ---------- ---------- ---------- ----------

1 mike mumbai M 30000

2 jackson calcutta WB 25000

3 mark bangalore K 25000

4 clarie mumbai M 40000

5 joyce mumbai M 40000

6 susan bangalore K 45000

7 mary calcutta WB 30000

8 peter bangalore K 35000

8 rows selected.