NAME: AANGI KHANDHAR

FYCS

ROLL NO 23

Assignment 2

A) CREATE the following TABLE as client_yourname eg. client_pooja SQL> create table client_aangi(Client_no char(6) primary key,Name varchar(20) not null,Phone int unique,City varchar(15) check(City IN ('Mumbai','Pune','Delhi','Nashik')),Pincode number(6), Gender char(1) check(Gender='F' or Gender='M'),State varchar(20) default 'MAHARASTRA',Age decimal(8,2) check(Age>17)); Table created. SQL> desc client_aangi Name Null? NOT NULL CHAR(6) CLIENT_NO NOT NULL VARCHAR2(20) NAME PHONE NUMBER(38) VARCHAR2(15) PINCODE NUMBER(6) **GENDER** CHAR(1) VARCHAR2(20) AGE NUMBER(8,2)

Enter values:

| .IENT | NAME | PHONE | CITY | PINCODE | G STATE | AGE |
|-------|----------|------------|--------|---------|--------------|-----|
| | aangi | 9987738881 | Mumbai | 400107 | F MAHARASTRA | 19 |
| | pooja | 9920212345 | Pune | 401206 | F MAHARASTRA | 18 |
| | krish | 9054223643 | Nashik | 113406 | M MAHARASTRA | 19 |
| | ashu | 8203685473 | Delhi | 201407 | M MAHARASTRA | 18 |
| | abdullha | 8286498998 | Mumbai | 400347 | M MAHARASTRA | 19 |
| | karishma | 9129531678 | Pune | 110077 | F MAHARASTRA | 19 |
| | sally | 9902055466 | Delhi | 411001 | M MAHARASTRA | 18 |
| | Surabhi | 9976750987 | Nashik | 410001 | F MAHARASTRA | 19 |
| | Panthiv | 9029252557 | Mumbai | 400001 | M MAHARASTRA | 19 |
| | Nishika | 9996573881 | Pune | 401068 | F MAHARASTRA | 1 |
| | ankita | | Mumbai | 411068 | F MAHARASTRA | 18 |

Display the total number of clients whose age is in the range of 18 and 29.

```
SQL> select * from client_aangi
  2 where Age between 18 and 29;
                                                     G STATE

400107 F MAHARASTRA
401206 F MAHARASTRA
113406 M MAHARASTRA
201407 M MAHARASTRA
400347 M MAHARASTRA
110077 F
CLIENT NAME
                                    PHONE CITY
                                                                                                          AGE
       aangi 9987738881 Mumbai 400107 F MAHARASTRA
                                                                                                           19
                            9920212345 Pune
       pooja
       krish
                            9054223643 Nashik
                                                                                                           19
4
                            8203685473 Delhi
       ashu
                                                                                                           18
                         8286498998 Mumbai
9129531678 Pune
9902055466 Delhi
       abdullha
                                                                                                           19
       karishma
                                                                                                           19
       sally
                                                                                                           18
       Surabhi
                              9976750987 Nashik
                                                                                                           19
                                                               400001 M MAHARASTRA
       Panthiv
                              9029252557 Mumbai
                                                                                                           19
10
       Nishika
                              9996573881 Pune
                                                                401068 F MAHARASTRA
                                                                                                           18
11
       ankita
                                           Mumbai
                                                                411068 F MAHARASTRA
                                                                                                           18
11 rows selected.
```

3. Display the total number of clients according to cities.

| CLIENT | NAME | PHONE | CITY | PINCODE | G STATE | AGE |
|--------|----------|------------|--------|---------|--------------|--------|
| | | 8203685473 | | | M MAHARASTRA | 18 |
| 7 | | 9902055466 | | | | 18 |
| | | 9987738881 | Mumbai | 400107 | F MAHARASTRA | 19 |
|) | Panthiv | 9029252557 | Mumbai | 400001 | M MAHARASTRA | 19 |
| | abdullha | 8286498998 | Mumbai | 400347 | M MAHARASTRA | 19 |
| 1 | ankita | | Mumbai | 411068 | F MAHARASTRA | 18 |
| | krish | 9054223643 | Nashik | 113406 | M MAHARASTRA | 19 |
| | Surabhi | 9976750987 | Nashik | 410001 | F MAHARASTRA | 19 |
| .0 | Nishika | 9996573881 | Pune | 401068 | F MAHARASTRA | 18 |
| | pooja | 9920212345 | Pune | 401206 | F MAHARASTRA | 18 |
| | karishma | 9129531678 | Pune | 110077 | F MAHARASTRA | 19 |

4. Display the details of the clients who resides in Mumbai.

```
SOL> select * from client aangi
 2 where City='Mumbai';
CLIENT NAME
                            PHONE CITY
                                                  PINCODE G STATE
                                                                                    AGE
                       9987738881 Mumbai 400107 F MAHARASTRA
                                                                                     19
      aangi
      abdullha
                        8286498998 Mumbai
                                                   400347 M MAHARASTRA
                                                                                     19
                        9029252557 Mumbai
                                                  400001 M MAHARASTRA
     Panthiv
                                                                                     19
                                                   411068 F MAHARASTRA
11
     ankita
                                 Mumbai
                                                                                     18
```

5. Display the details of the client whose name ends with A

```
SQL> select * from client_aangi
 2 where Name like'%a';
CLIENT NAME
                               PHONE CITY
                                                      PINCODE G STATE
                                                                                           AGE
      pooja
                          9920212345 Pune
                                                       401206 F MAHARASTRA
                                                                                           18
      abdullha
                          8286498998 Mumbai
                                                       400347 M MAHARASTRA
                                                                                           19
      karishma
                                                       110077 F MAHARASTRA
                          9129531678 Pune
                                                                                           19
                          9996573881 Pune
                                                       401068 F MAHARASTRA
10
      Nishika
                                                                                           18
      ankita
                                    Mumbai
                                                       411068 F MAHARASTRA
```

6. Display the unique client names of the client.

7. Display the details of the client with missing phone no

8. Display the details of the client in ascending order of their names

```
SQL> select * from client aangi
   2 order by Name ASC;
CLIENT NAME
                                                                                  PHONE CITY PINCODE G STATE
                                                                                                                                                                                                                                                     AGE

      Nishika
      9996573881
      Pune
      401068 F MAHARASTRA

      Panthiv
      9029252557
      Mumbai
      400001 M MAHARASTRA

      Surabhi
      9976750987
      Nashik
      410001 F MAHARASTRA

      aangi
      9987738881
      Mumbai
      400107 F MAHARASTRA

      abdullha
      8286498998
      Mumbai
      400347 M MAHARASTRA

      ankita
      Mumbai
      411068 F MAHARASTRA

      ashu
      8203685473
      Delhi
      201407 M MAHARASTRA

      karishma
      9129531678
      Pune
      110077 F MAHARASTRA

      krish
      9054323643
      Nashik
      113466 M MAHARASTRA

10
                                                                                                                                                                                                                                                        19
                                                                                                                                                                                                                                                        19
                                                                                                                                                                                                                                                        19
11
                                                                                                                                                                                                                                                        18
                                                                                                                                                                                                                                                        18
                                                                                                                                                                                                                                                        19
                                                                  9054223643 Nashik
                                                                                                                                                  113406 M MAHARASTRA
                                                                                                                                                                                                                                                        19
                 krish
                 pooja
                                                                                                                                                  401206 F MAHARASTRA
                                                                   9920212345 Pune
                                                                                                                                                                                                                                                        18
                 sally
                                                                   9902055466 Delhi
                                                                                                                                                     411001 M MAHARASTRA
11 rows selected.
```

9. Display the total number of female clients.

```
SQL> select count(Gender) from client_aangi
2 where Gender='F';

COUNT(GENDER)
-----6
```

10. Display the details of the client whose age is greater than 25 and are female.

```
SQL> select * from client_aangi where Age>25 and Gender='F';
no rows selected
```

11. Update the age of client to 22 whose age is 18.

```
SQL> update client aangi
  2 set Age=22 where Age=18;
  rows updated.
SQL> select * from client_aangi;
                                                                                                 PINCODE G STATE
CLIENT NAME
                                                                PHONE CITY
                                                                                                                                                                                               AGE
            aangi 9987738881 Mumbai 400107 F MAHARASTRA
pooja 9920212345 Pune 401206 F MAHARASTRA
krish 9054223643 Nashik 113406 M MAHARASTRA
ashu 8203685473 Delhi 201407 M MAHARASTRA
abdullha 8286498998 Mumbai 400347 M MAHARASTRA
karishma 9129531678 Pune 110077 F MAHARASTRA
sally 9902055466 Delhi 411001 M MAHARASTRA
Surabhi 9976750987 Nashik 410001 F MAHARASTRA
Panthiv 9029252557 Mumbai 400001 M MAHARASTRA
Nishika 9996573881 Pune 401068 F MAHARASTRA
                                                                                                                                                                                                 19
                                                                                                                                                                                                 22
                                                                                                                                                                                                19
                                                                                                                                                                                                19
                                                                                                                                                                                                 22
                                                                                                                                                                                                 19
                                                                                                                                                                                                 19
            Nishika
10
                                                    9996573881 Pune
                                                                                                                   401068 F MAHARASTRA
            ankita
                                                                                                                    411068 F MAHARASTRA
                                                                                                                                                                                                 22
11 rows selected.
```

12. Update the gender to F who reside in Pune.

```
SQL> update client_aangi
2 set Gender='F'
   3 where City='Pune';
3 rows updated.
 SQL> select * from client_aangi
                                                      PHONE CITY
                                                                                                       PINCODE G STATE
CLIENT NAME
           aangi 9987738881 Mumbai 400107 F MAHARASTRA
pooja 9920212345 Pune 401206 F MAHARASTRA
krish 9054223643 Nashik 113406 M MAHARASTRA
ashu 8203685473 Delhi 201407 M MAHARASTRA
abdullha 8286498998 Mumbai 400347 M MAHARASTRA
karishma 9129531678 Pune 110077 F MAHARASTRA
sally 9902055466 Delhi 411001 M MAHARASTRA
Surabhi 9976753577 Mumbai
                                                                                                                                                                              19
                                                                                                                                                                              22
                                                                                                                                                                              19
                                                                                                     110077 F MAHARASTRA
411001 M MAHARASTRA
410001 F MAHARASTRA
400001 M MAHARASTRA
                                                                                                                                                                              22
                                                                                                                                                                              19
                                                 9029252557 Mumbai
            Panthiv
                                                                                                                                                                              19
            Nishika
                                                                                                       401068 F MAHARASTRA
10
                                                 9996573881 Pune
                                                                                                                                                                              22
11
            ankita
                                                                     Mumbai
                                                                                                        411068 F MAHARASTRA
                                                                                                                                                                              22
11 rows selected.
```

13. Delete the records of the client who are located in Delhi.

```
SQL> delete from client_aangi
 2 where City='Delhi';
2 rows deleted.
SQL> select * from client_aangi
CLIENT NAME
                                  PHONE CITY
                                                             PINCODE G STATE
                                                                                                      AGE
                                                     400107 F MAHARASTRA
401206 F MAHARASTRA
113406 M MAHARASTRA
400347 M MAHARASTRA
      aangi
pooja
krish
                        9987738881 Mumbai
9920212345 Pune
                                                                                                       19
                                                                                                       22
                           9054223643 Nashik
                                                                                                       19
       abdullha
                           8286498998 Mumbai
                                                                                                       19
       karishma
                           9129531678 Pune
                                                             110077 F MAHARASTRA
                                                                                                       19
                           9976750987 Nashik
9029252557 Mumbai
       Surabhi
                                                            410001 F MAHARASTRA
                                                                                                       19
       Panthiv
                                                            400001 M MAHARASTRA
                                                                                                       19
       Nishika
10
                             9996573881 Pune
                                                              401068 F MAHARASTRA
                                                                                                       22
11
                                                              411068 F MAHARASTRA
       ankita
                                         Mumbai
                                                                                                       22
9 rows selected.
```

14. Delete the records of client having L in their names.

```
SQL> delete from client aangi
 2 where Name like '%1%';
1 row deleted.
SQL> select * from client_aangi
CLIENT NAME
                              PHONE CITY
                                                      PINCODE G STATE
                                                                                           AGE
                      9987738881 Mumbai
                                                      400107 F MAHARASTRA
                                                                                            19
      aangi
                        9920212345 Pune
                                                       401206 F MAHARASTRA
                                                                                            22
      pooja
                                                      113406 M MAHARASTRA
                        9054223643 Nashik
9129531678 Pune
      krish
      karishma
                                                       110077 F MAHARASTRA
                                                                                            19
                                                      410001 F MAHARASTRA
                        9976750987 Nashik
      Surabhi
                                                                                            19
      Panthiv
                         9029252557 Mumbai
                                                      400001 M MAHARASTRA
                                                                                            19
10
      Nishika
                         9996573881 Pune
                                                      401068 F MAHARASTRA
                                                                                            22
11
      ankita
                                    Mumbai
                                                       411068 F MAHARASTRA
                                                                                            22
8 rows selected.
```

15. Delete all the records from the table.

```
SQL> delete from client_aangi
2 where Gender='M' or Gender='F';
8 rows deleted.

SQL> select * from client_aangi;
no rows selected
```