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Roll No: 20

FYCS

Assignment No: 2

A) CREATE the following TABLE as client_yourname eg. client_aaadil

```
SQL> desc client_aaadil
```

Name	Null?	Type
CLIENTNO	NOT NULL	CHAR(6)
CNAME	NOT NULL	VARCHAR2(20)
PHONE		NUMBER(38)
CITY		VARCHAR2(15)
PINCODE		NUMBER(38)
GENDER		VARCHAR2(1)
STATE		VARCHAR2(20)
AGE		NUMBER(8,2)

B) INSERT 10 MEANINGFUL RECORDS IN ABOVE TABLE.

```
SQL> insert into client_aaadil values(1,'tahir',123,'Mumbai',100,'M','Maharashtra',18);
1 row created.

SQL> insert into client_aaadil values(2,'surabhi',124,'Pune',101,'M','Maharashtra',18);
1 row created.

SQL> insert into client_aaadil values(3,'ashu',125,'Nashik',102,'M','Maharashtra',25);
1 row created.

SQL> insert into client_aaadil values(4,'panthiv',126,'Delhi',103,'F','Maharashtra',23);
1 row created.

SQL> insert into client_aaadil values(5,'aangi',127,'Pune',101,'M','Maharashtra',19);
1 row created.

SQL> insert into client_aaadil values(6,'mikasa',128,'Mumbai',100,'F','Maharashtra',18);
1 row created.

SQL> insert into client_aaadil values(7,'eren',129,'Nashik',102,'M','Maharashtra',20);
1 row created.

SQL> insert into client_aaadil values(8,'levi',130,'Mumbai',100,'F','Maharashtra',24);
1 row created.

SQL> insert into client_aaadil values(9,'armen',131,'Delhi',103,'M','Maharashtra',20);
```

C) ANSWER FOLLOWING QUERIES

1. Display the details of all the clients

```
SQL> set pagesize 10000
SQL> set linesize 10000
SQL> select * from client_aaadil;
```

	CLIENT	CNAME	PHONE	CITY	PINCODE	G	STATE	AGE
1	tahir	123	Mumbai	100	M	Maharashtra	18	
2	surabhi	124	Pune	101	M	Maharashtra	18	
3	ashu	125	Nashik	102	M	Maharashtra	25	
4	panthiv	126	Delhi	103	F	Maharashtra	23	
5	aangi	127	Pune	101	M	Maharashtra	19	
6	mikasa	128	Mumbai	100	F	Maharashtra	18	
7	eren	129	Nashik	102	M	Maharashtra	20	
8	levi	130	Mumbai	100	F	Maharashtra	24	
9	armen	131	Delhi	103	M	Maharashtra	20	
10	jean	132	Pune	101	F	Maharashtra	19	

10 rows selected.

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

```
SQL> select * from client_aaadil
  2  where age between 18 and 29;
```

	CLIENT	CNAME	PHONE	CITY	PINCODE	G	STATE	AGE
1	tahir	123	Mumbai	100	M	Maharashtra	18	
2	surabhi	124	Pune	101	M	Maharashtra	18	
3	ashu	125	Nashik	102	M	Maharashtra	25	
4	panthiv	126	Delhi	103	F	Maharashtra	23	
5	aangi	127	Pune	101	M	Maharashtra	19	
6	mikasa	128	Mumbai	100	F	Maharashtra	18	
7	eren	129	Nashik	102	M	Maharashtra	20	
8	levi	130	Mumbai	100	F	Maharashtra	24	
9	armen	131	Delhi	103	M	Maharashtra	20	
10	jean	132	Pune	101	F	Maharashtra	19	

10 rows selected.

3. Display the total number of clients according to cities

```
SQL> select Cname, city from client_aaadil
  2  where city in('Mumbai','Pune','Delhi','Nashik');
```

CNAME	CITY
tahir	Mumbai
surabhi	Pune
ashu	Nashik
panthiv	Delhi
aangi	Pune
mikasa	Mumbai
eren	Nashik
levi	Mumbai
armen	Delhi
jean	Pune

10 rows selected.

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

```
SQL> select * from client_aaadil
  2  where city='Mumbai';
```

CLIENT	CNAME	PHONE	CITY	PINCODE	G	STATE	AGE
1	tahir	123	Mumbai	100	M	Maharashtra	18
6	mikasa	128	Mumbai	100	F	Maharashtra	18
8	levi	130	Mumbai	100	F	Maharashtra	24

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

```
SQL> select * from client_aaadil
  2  where Cname like '%a';
```

CLIENT	CNAME	PHONE	CITY	PINCODE	G	STATE	AGE
6	mikasa	128	Mumbai	100	F	Maharashtra	18

6. Display the unique client names of the client

```
SQL> select DISTINCT Cname from client_aaadil;

CNAME
-----
mikasa
eren
armen
jean
ashu
aangi
panthiv
tahir
surabhi
levi

10 rows selected.
```

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

```
SQL> select * from client_aaadil
  2  order by Cname asc;

CLIENT CNAME          PHONE CITY          PINCODE G STATE          AGE
-----
5      aangi          127 Pune          101 M Maharashtra    19
9      armen          131 Delhi         103 M Maharashtra    20
3      ashu           125 Nashik        102 M Maharashtra    25
7      eren           129 Nashik        102 M Maharashtra    20
10     jean           132 Pune          101 F Maharashtra    19
8      levi           130 Mumbai        100 F Maharashtra    24
6      mikasa         128 Mumbai        100 F Maharashtra    18
4      panthiv        126 Delhi         103 F Maharashtra    23
2      surabhi        124 Pune          101 M Maharashtra    18
1      tahir           123 Mumbai        100 M Maharashtra    18

10 rows selected.
```

9. Display the total number of female clients

```
SQL> select count(*)
  2  from client_aaadil
  3  where gender='F';

COUNT(*)
-----
4
```

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

```
SQL> select * from client_aaadil
  2  where age>25 and gender='F';

no rows selected
```

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

```
SQL> update client_aaadil
  2  set age=18
  3  where age=22;

0 rows updated.
```

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

```
SQL> update client_aaadil
  2  set gender='F'
  3  where city='Pune';

3 rows updated.
```

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

```
SQL> delete from client_aaadil
  2  where city='Delhi';

2 rows deleted.
```

```
SQL> select * from client_aaadil;
```

CLIENT	CNAME	PHONE	CITY	PINCODE	G	STATE	AGE
1	tahir	123	Mumbai	100	M	Maharashtra	18
2	surabhi	124	Pune	101	F	Maharashtra	18
3	ashu	125	Nashik	102	M	Maharashtra	25
5	aangi	127	Pune	101	F	Maharashtra	19
6	mikasa	128	Mumbai	100	F	Maharashtra	18
7	eren	129	Nashik	102	M	Maharashtra	20
8	levi	130	Mumbai	100	F	Maharashtra	24
10	jean	132	Pune	101	F	Maharashtra	19

8 rows selected.

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

```
SQL> delete from client_aaadi1  
2 where Cname like '1%';  
  
0 rows deleted.
```

15. Delete all the records from the table.

```
SQL> truncate table client_aaadi1;  
  
Table truncated.  
  
SQL> select * from client_aaadi1;  
  
no rows selected
```