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Roll no – 72

FYCS

CLASS ACTIVITY

A) CREATE THE FOLLOWING TABLE AS CLIENT_YOURNAME

```
SQL> create table client_panthiv(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.
```

B) INSERT MEANINGFUL RECORDS IN ABOVE TABLE

```
SQL> insert into client_panthiv values(5,'jheeli',9336898498,'Delhi',400614,'F',default,21);  
1 row created.  
SQL> insert into client_panthiv values(6,'paula',9363528498,'Pune',400614,'F',default,26);  
1 row created.  
SQL> insert into client_panthiv values(7,'pooja',9360358498,'Mumbai',400014,'F',default,28);  
1 row created.  
SQL> insert into client_panthiv values(8,'parth',8210358498,'Mumbai',400062,'M',default,26);  
1 row created.  
SQL> insert into client_panthiv values(9,'tahir',4360358498,'Nashik',400562,'M',default,24);  
1 row created.
```

C) ANSWER THE FOLLOWING QUERIES

1)

```
SQL> select* from client_panthiv;
```

	CLIENT NAME	PHONE	CITY	PINCODE	G	STATE	AGE
1	john	9856245638	Mumbai	400064	M	MAHARASTRA	18
2	peter	9856242398	Delhi	400664	M	MAHARASTRA	22
3	chris	9348242398	Nashik	400164	M	MAHARASTRA	24
4	natasha	9313598498	Pune	400614	F	MAHARASTRA	19
5	jheel	9336898498	Delhi	406614	F	MAHARASTRA	21
6	paula	9363528498	Pune	400614	F	MAHARASTRA	26
7	pooja	9360358498	Mumbai	400014	F	MAHARASTRA	28
8	parth	8210358498	Mumbai	400062	M	MAHARASTRA	26
9	tahir	4360358498	Nashik	406562	M	MAHARASTRA	24
10	ashutosh	9624358498	Nashik	406563	M	MAHARASTRA	25

```
10 rows selected.
```

2)

```
SQL> select * from client_panthiv
2 where Age between 18 and 29;
```

	CLIENT NAME	PHONE	CITY	PINCODE	G	STATE	AGE
1	john	9856245638	Mumbai	400064	M	MAHARASTRA	18
2	peter	9856242398	Delhi	400664	M	MAHARASTRA	22
3	chris	9348242398	Nashik	400164	M	MAHARASTRA	24
4	natasha	9313598498	Pune	400614	F	MAHARASTRA	19
5	jheel	9336898498	Delhi	406614	F	MAHARASTRA	21
6	paula	9363528498	Pune	400614	F	MAHARASTRA	26
7	pooja	9360358498	Mumbai	400014	F	MAHARASTRA	28
8	parth	8210358498	Mumbai	400062	M	MAHARASTRA	26
9	tahir	4360358498	Nashik	406562	M	MAHARASTRA	24
10	ashutosh	9624358498	Nashik	406563	M	MAHARASTRA	25

```
10 rows selected.
```

3)

```
SQL> select * from client_panthiv order by City;
```

	CLIENT NAME	PHONE	CITY	PINCODE	G	STATE	AGE
5	jheel	9336898498	Delhi	406614	F	MAHARASTRA	21
2	peter	9856242398	Delhi	400664	M	MAHARASTRA	22
7	pooja	9360358498	Mumbai	400014	F	MAHARASTRA	28
8	parth	8210358498	Mumbai	400062	M	MAHARASTRA	26
1	john	9856245638	Mumbai	400064	M	MAHARASTRA	18
3	chris	9348242398	Nashik	400164	M	MAHARASTRA	24
10	ashutosh	9624358498	Nashik	406563	M	MAHARASTRA	25
9	tahir	4360358498	Nashik	406562	M	MAHARASTRA	24
4	natasha	9313598498	Pune	400614	F	MAHARASTRA	19
6	paula	9363528498	Pune	400614	F	MAHARASTRA	26

```
10 rows selected.
```

4)

```
SQL> select * from client_panthiv
2 where City='Mumbai';
```

	CLIENT NAME	PHONE	CITY	PINCODE	G	STATE	AGE
1	john	9856245638	Mumbai	400064	M	MAHARASTRA	18
7	pooja	9360358498	Mumbai	400014	F	MAHARASTRA	28
8	parth	8210358498	Mumbai	400062	M	MAHARASTRA	26

5)

```
SQL> select * from client_panthiv
2 where Name like '%a';
```

CLIENT	NAME	PHONE	CITY	PINCODE	G	STATE	AGE
4	natasha	9313598498	Pune	400614	F	MAHARASTRA	19
6	paula	9363528498	Pune	400614	F	MAHARASTRA	26
7	pooja	9360358498	Mumbai	400014	F	MAHARASTRA	28

6)

```
SQL> select distinct Name from client_panthiv
2 ;
```

NAME

natasha
peter
john
parth
chris
pooja
jheel
ashutosh
paula
aadil

7)

```
SQL> select * from client_panthiv
2 where Phone is null;
```

no rows selected

8)

```
SQL> select * from client_panthiv
2 order by Name ASC;
```

CLIENT	NAME	PHONE	CITY	PINCODE	G	STATE	AGE
11	aadil	9335658498	Delhi	406614	M	MAHARASTRA	21
10	ashutosh	9624358498	Nashik	406563	M	MAHARASTRA	25
3	chris	9348242398	Nashik	400164	M	MAHARASTRA	24
5	jheel	9336898498	Delhi	406614	F	MAHARASTRA	21
1	john	9856245638	Mumbai	400064	M	MAHARASTRA	18
4	natasha	9313598498	Pune	400614	F	MAHARASTRA	19
8	parth	8210358498	Mumbai	400062	M	MAHARASTRA	26
6	paula	9363528498	Pune	400614	F	MAHARASTRA	26
2	peter	9856242398	Delhi	400664	M	MAHARASTRA	22
7	pooja	9360358498	Mumbai	400014	F	MAHARASTRA	28
9	tahir	4360358498	Nashik	406562	M	MAHARASTRA	24

9)

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

```
COUNT(GENDER)
-----
                4
```

10)

```
SQL> select * from client_panthiv
  2   where age>25 and Gender='F';
```

CLIENT	NAME	PHONE	CITY	PINCODE	G	STATE	AGE
6	paula	9363528498	Pune	400614	F	MAHARASTRA	26
7	pooja	9360358498	Mumbai	400014	F	MAHARASTRA	28

11)

```
SQL> update client_panthiv
  2   set Age=22 where Age=18;

1 row updated.
```

12)

```
SQL> update client_panthiv
  2   set Gender='F' where City='Pune';

2 rows updated.
```

13)

```
SQL> delete from client_panthiv
  2   where City='Delhi';

3 rows deleted.
```

14)

```
SQL> delete from client_panthiv
  2   where Name like '%l%';

1 row deleted.
```

15)

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