Class Activity

Dharmit Shah FYIT 75

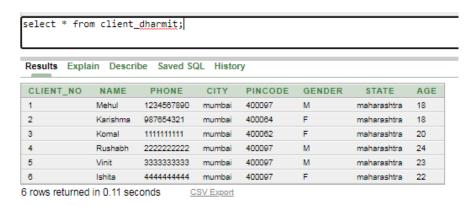### A) CREATE the following TABLE as client_yorname eg.client_pooja

```
create table client_dharmit(client_no varchar(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
varchar(1),check(gender in('M','F')), state varchar(20) default 'MAHARASHTA', age number (8,2) constraint chkage check(age>17));
```

Results Explain Describe Saved SQL History

Table created.

0.89 seconds

```
desc client_dharmit;
```

Results Explain **Describe** Saved SQL History

Object Type **TABLE** Object **CLIENT_DHARMIT**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CLIENT_DHARMIT	CLIENT_NO	Varchar2	6	-	-	1	-	-	-
	NAME	Varchar2	20	-	-	-	-	-	-
	PHONE	Number	-	-	0	-	✓	-	-
	CITY	Varchar2	15	-	-	-	✓	-	-
	PINCODE	Number	-	6	0	-	✓	-	-
	GENDER	Varchar2	1	-	-	-	✓	-	-
	STATE	Varchar2	20	-	-	-	✓	'MAHARASHTA'	-
	AGE	Number	-	8	2	-	✓	-	-

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B) INSERT 10 MEAANINGFUL RECORDS IN ABOVE TABLE

C) ANSWER FOLLOWING QUERIES

1. Display the details of all the clients

```
select * from client_dharmit;
```

Results Explain Describe Saved SQL History

CLIENT_NO	NAME	PHONE	CITY	PINCODE	GENDER	STATE	AGE
1	Mehul	1234567890	mumbai	400097	M	maharashtra	18
2	Karishma	987654321	mumbai	400064	F	maharashtra	18
3	Komal	1111111111	mumbai	400062	F	maharashtra	20
4	Rushabh	2222222222	mumbai	400097	M	maharashtra	24
5	Vinit	3333333333	mumbai	400097	M	maharashtra	23
6	Ishita	4444444444	mumbai	400097	F	maharashtra	22

6 rows returned in 0.11 seconds   CSV Export

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

```
select count(age)from client_dharmit;
```

Results   Explain   Describe   Saved SQL   History

COUNT(AGE)
6

1 rows returned in 0.00 seconds   CSV Export

3. Display the total number of clients according to city

```
select count(client_no),city from client_dharmit
group by city;
```

Results   Explain   Describe   Saved SQL   History

COUNT(CLIENT_NO)	CITY
6	mumbai

1 rows returned in 0.11 seconds   CSV Export

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

```
select * from client_dharmit
where city='mumbai';
```

Results   Explain   Describe   Saved SQL   History

CLIENT_NO	NAME	PHONE	CITY	PINCODE	GENDER	STATE	AGE
1	Mehul	1234567890	mumbai	400097	M	maharashtra	18
2	Karishma	987654321	mumbai	400064	F	maharashtra	18
3	Komal	1111111111	mumbai	400062	F	maharashtra	20
4	Rushabh	2222222222	mumbai	400097	M	maharashtra	24
5	Vinit	3333333333	mumbai	400097	M	maharashtra	23
6	Ishita	4444444444	mumbai	400097	F	maharashtra	22

6 rows returned in 0.06 seconds   CSV Export

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

```
select * from client_dharmit
where name like '%a';
```

Results   Explain   Describe   Saved SQL   History

CLIENT_NO	NAME	PHONE	CITY	PINCODE	GENDER	STATE	AGE
2	Karishma	987654321	mumbai	400064	F	maharashtra	18
6	Ishita	4444444444	mumbai	400097	F	maharashtra	22

2 rows returned in 0.01 seconds   CSV Export

6. Display the unique client names of the client

```
select distinct name from client_dharmit;
```

Results   Explain   Describe   Saved SQL   History

NAME
Komal
Rushabh
Vinit
Karishma
Mehul
Ishita

6 rows returned in 0.00 seconds   CSV Export