

AVANI P A  
S2RMCA -A BATCH  
ROLL NO:32

ASSIGNMENT: 1 CREATE AND INSERT VALUES TO THE FOLLOWING TABLES

BRANCH

BNAME VARCHAR2(20) PRIMARY KEY CITY VARCHAR2(30) NOT NULL , any one of NAGPUR, DELHI, BANGALORE, BOMBAY

CUSTOMER

CNAME VARCHAR2(15) PRIMARY KEY CITY VARCHAR2(20) NOT NULL ,

INSERTION OF VALUES

1. Inserting values to Branch

VRCE NAGPUR

AJNI NAGPUR

KAROLBAGH DELHI

CHANDNI DELHI

DHARAMPETH NAGPUR

MG ROAD BANGALORE

ANDHERI BOMBAY

NEHRU PALACE DELHI

POWAI BOMBAY

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```

12 select cname from CUSTOMER where CITY='NAGPUR';
13
14 create table BRANCH (BNAME varchar(20),CITY varchar(30)NOT NULL);
15 insert into BRANCH (BNAME, CITY) values ('VRCE', 'NAGPUR');
16 insert into BRANCH (BNAME, CITY) values ('AJNI', 'NAGPUR');
17 insert into BRANCH (BNAME, CITY) values ('KAROLBAGH', 'DELHI');
18 insert into BRANCH (BNAME, CITY) values ('CHANDNI', 'DELHI');
19 insert into BRANCH (BNAME, CITY) values ('DHARAMPETH', 'NAGPUR');
20 insert into BRANCH (BNAME, CITY) values ('MG ROAD', 'BANGALORE');
21 insert into BRANCH (BNAME, CITY) values ('ANDHERI', 'BOMBAY');
22 insert into BRANCH (BNAME, CITY) values ('NAHRU PALACE', 'DELHI');
23 insert into BRANCH (BNAME, CITY) values ('POWAI', 'BOMBAY');
24 select * from BRANCH;
25
26

```

9 rows

BNAME	CITY
VRCE	NAGPUR
AJNI	NAGPUR
KAROLBAGH	DELHI
CHANDNI	DELHI
DHARAMPETH	NAGPUR
MG ROAD	BANGALORE
ANDHERI	BOMBAY
NAHRU PALACE	DELHI
POWAI	BOMBAY

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## 2. Inserting values into Customer table

ANIL CALCUTTA  
 SUNIL DELHI  
 MEHUL BARODA  
 MANDAR PATNA  
 MADHURI NAGPUR  
 PRAMOD NAGPUR  
 SANDIP SURAT  
 SHIVANI BOMBAY  
 KRANTI BOMBAY  
 NAREN BOMBAY

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```

1 create table CUSTOMER (cname varchar(15),city varchar(20)NOT NULL,PRIMARY KEY(cname));
2 insert into CUSTOMER (cname, city) values ('ANIL', 'CALCUTTA');
3 insert into CUSTOMER (cname, city) values ('SUNIL', 'DELHI');
4 insert into CUSTOMER (cname, city) values ('MEHUL', 'BARODA');
5 insert into CUSTOMER (cname, city) values ('MANDAR', 'PATNA');
6 insert into CUSTOMER (cname, city) values ('MADHURI', 'NAGPUR');
7 insert into CUSTOMER (cname, city) values ('PRAMOD', 'NAGPUR');
8 insert into CUSTOMER (cname, city) values ('SANDIP', 'SURAT');
9 insert into CUSTOMER (cname, city) values ('SHIVANI', 'BOMBAY');
10 insert into CUSTOMER (cname, city) values ('KRANTI', 'BOMBAY');
11 insert into CUSTOMER (cname, city) values ('NAREN', 'BOMBAY');
12 select * from CUSTOMER;

```

10 rows

## ASSIGNMENT NO. 2: SELECTING DATA FROM SINGLE TABLE

### 3. List all data from customer

```
create table CUSTOMER (cname varchar(15), city varchar(20)NOT NULL,PRIMARY KEY(cname));

insert into CUSTOMER (cname, city) values ('ANIL', 'CALCUTTA');
insert into CUSTOMER (cname, city) values ('SUNIL', 'DELHI');
insert into CUSTOMER (cname, city) values ('MEHUL', 'BARODA');
insert into CUSTOMER (cname, city) values ('MANDAR', 'PATNA');
insert into CUSTOMER (cname, city) values ('MADHURI', 'NAGPUR');
insert into CUSTOMER (cname, city) values ('PRAMOD', 'NAGPUR');
insert into CUSTOMER (cname, city) values ('SANDIP', 'SURAT');
insert into CUSTOMER (cname, city) values ('SHIVANI', 'BOMBAY');
insert into CUSTOMER (cname, city) values ('KRANTI', 'BOMBAY');
insert into CUSTOMER (cname, city) values ('NAREN', 'BOMBAY');

select * from CUSTOMER;
```

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```
1 create table CUSTOMER (cname varchar(15),city varchar(20)NOT NULL,PRIMARY KEY(cname));
2 insert into CUSTOMER (cname, city) values ('ANIL', 'CALCUTTA');
3 insert into CUSTOMER (cname, city) values ('SUNIL', 'DELHI');
4 insert into CUSTOMER (cname, city) values ('MEHUL', 'BARODA');
5 insert into CUSTOMER (cname, city) values ('MANDAR', 'PATNA');
6 insert into CUSTOMER (cname, city) values ('MADHURI', 'NAGPUR');
7 insert into CUSTOMER (cname, city) values ('PRANOD', 'NAGPUR');
8 insert into CUSTOMER (cname, city) values ('SANDIP', 'SURAT');
9 insert into CUSTOMER (cname, city) values ('SHIVANI', 'BOMBAY');
10 insert into CUSTOMER (cname, city) values ('KRANTI', 'BOMBAY');
11 insert into CUSTOMER (cname, city) values ('NAREN', 'BOMBAY');
12 select * from CUSTOMER;
```

10 rows

cname	city
ANIL	CALCUTTA
KRANTI	BOMBAY
MADHURI	NAGPUR
MANDAR	PATNA
MEHUL	BARODA
NAREN	BOMBAY
PRANOD	NAGPUR
SANDIP	SURAT
SHIVANI	BOMBAY
SUNIL	DELHI

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#### 4. List all data from branch

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```
11 insert into CUSTOMER (cname, city) values ('NAREN', 'BOMBAY');
12 select cname from CUSTOMER where city='NAGPUR';
13
14 create table BRANCH (BNAME varchar(20),CITY varchar(30)NOT NULL);
15 insert into BRANCH (BNAME, CITY) values ('VRCE', 'NAGPUR');
16 insert into BRANCH (BNAME, CITY) values ('AJNI', 'NAGPUR');
17 insert into BRANCH (BNAME, CITY) values ('KAROLBAGH', 'DELHI');
18 insert into BRANCH (BNAME, CITY) values ('CHANDNI', 'DELHI');
19 insert into BRANCH (BNAME, CITY) values ('DHARAMPETH', 'NAGPUR');
20 insert into BRANCH (BNAME, CITY) values ('MG ROAD', 'BANGALORE');
21 insert into BRANCH (BNAME, CITY) values ('ANDHERI', 'BOMBAY');
22 insert into BRANCH (BNAME, CITY) values ('NAHRU PALACE', 'DELHI');
23 insert into BRANCH (BNAME, CITY) values ('POWAI', 'BOMBAY');
24 select * from BRANCH;
```

9 rows

BNAME	CITY
VRCE	NAGPUR
AJNI	NAGPUR
KAROLBAGH	DELHI
CHANDNI	DELHI
DHARAMPETH	NAGPUR
MG ROAD	BANGALORE
ANDHERI	BOMBAY
NAHRU PALACE	DELHI
POWAI	BOMBAY

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#### 7. Give name of customers

select cname from CUSTOMER;

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```

8 insert into CUSTOMER (cname, city) values ('SUNIL', 'BOMBAY');
9 insert into CUSTOMER (cname, city) values ('SHIVANI', 'BOMBAY');
10 insert into CUSTOMER (cname, city) values ('KRANTI', 'BOMBAY');
11 insert into CUSTOMER (cname, city) values ('NAREN', 'BOMBAY');
12 select cname from CUSTOMER;

```

10 rows

cname
ANIL
KRANTI
MADHURI
MANDAR
MEHUL
NAREN
PRAMOD
SANDIP
SHIVANI
SUNIL

## 8. Give name of branches

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```

12 select cname from CUSTOMER where city='NAGPUR';
13
14 create table BRANCH (BNAME varchar(20),CITY varchar(30)NOT NULL);
15 insert into BRANCH (BNAME, CITY) values ('VRCE', 'NAGPUR');
16 insert into BRANCH (BNAME, CITY) values ('AJNI', 'NAGPUR');
17 insert into BRANCH (BNAME, CITY) values ('KAROLBAGH', 'DELHI');
18 insert into BRANCH (BNAME, CITY) values ('CHANDNI', 'DELHI');
19 insert into BRANCH (BNAME, CITY) values ('DHARAMPETH', 'NAGPUR');
20 insert into BRANCH (BNAME, CITY) values ('MG ROAD', 'BANGALORE');
21 insert into BRANCH (BNAME, CITY) values ('ANDHERI', 'BOMBAY');
22 insert into BRANCH (BNAME, CITY) values ('NAHRU PALACE', 'DELHI');
23 insert into BRANCH (BNAME, CITY) values ('POWAI', 'BOMBAY');
24 select * from BRANCH;
25 select BNAME from BRANCH;

```

9 rows

BNAME
VRCE
AJNI
KAROLBAGH
CHANDNI
DHARAMPETH
MG ROAD
ANDHERI
NAHRU PALACE
POWAI

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## 10. Give names of customer living in city Nagpur

select cname from CUSTOMER where city='NAGPUR';

Database ▾ Queries ▾ Export ▾ Share snippet Run ▶

```

1 create table CUSTOMER (cname varchar(15),city varchar(20)NOT NULL,PRIMARY KEY(cname));
2 insert into CUSTOMER (cname, city) values ('ANIL', 'CALCUTTA');
3 insert into CUSTOMER (cname, city) values ('SUNIL', 'DELHI');
4 insert into CUSTOMER (cname, city) values ('MEHUL', 'BARODA');
5 insert into CUSTOMER (cname, city) values ('HANDAR', 'PATNA');
6 insert into CUSTOMER (cname, city) values ('MADHURI', 'NAGPUR');
7 insert into CUSTOMER (cname, city) values ('PRANOD', 'NAGPUR');
8 insert into CUSTOMER (cname, city) values ('SANDIP', 'SURAT');
9 insert into CUSTOMER (cname, city) values ('SHIVANI', 'BOMBAY');
10 insert into CUSTOMER (cname, city) values ('KRANTI', 'BOMBAY');
11 insert into CUSTOMER (cname, city) values ('NAREN', 'BOMBAY');
12 select cname from CUSTOMER where city='NAGPUR';

```

2 rows

cname
MADHURI
PRANOD

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### 13. Give name of all branches located in Bombay

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```

12 select cname from CUSTOMER where city='NAGPUR';
13
14 create table BRANCH (BNAME varchar(20),CITY varchar(30)NOT NULL);
15 insert into BRANCH (BNAME, CITY) values ('VRCE', 'NAGPUR');
16 insert into BRANCH (BNAME, CITY) values ('AJNI', 'NAGPUR');
17 insert into BRANCH (BNAME, CITY) values ('KAROLBAGH', 'DELHI');
18 insert into BRANCH (BNAME, CITY) values ('CHANDNI', 'DELHI');
19 insert into BRANCH (BNAME, CITY) values ('DHARAPETH', 'NAGPUR');
20 insert into BRANCH (BNAME, CITY) values ('MG ROAD', 'BANGALORE');
21 insert into BRANCH (BNAME, CITY) values ('ANDHERI', 'BOMBAY');
22 insert into BRANCH (BNAME, CITY) values ('NAHRU PALACE', 'DELHI');
23 insert into BRANCH (BNAME, CITY) values ('POWAI', 'BOMBAY');
24 select * from BRANCH;
25 select BNAME from BRANCH;
26 select BNAME from BRANCH where CITY='BOMBAY';

```

2 rows

BNAME
ANDHERI
POWAI

### 16. Give names of all branched located in city Delhi

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Database Queries Export Share Snippet Run

```
14 create table BRANCH (BNAME varchar(20),CITY varchar(30)NOT NULL);
15 insert into BRANCH (BNAME, CITY) values ('VRCE', 'NAGPUR');
16 insert into BRANCH (BNAME, CITY) values ('AJNI', 'NAGPUR');
17 insert into BRANCH (BNAME, CITY) values ('KAROLBAGH', 'DELHI');
18 insert into BRANCH (BNAME, CITY) values ('CHANDNI', 'DELHI');
19 insert into BRANCH (BNAME, CITY) values ('DHARAMPETH', 'NAGPUR');
20 insert into BRANCH (BNAME, CITY) values ('HS ROAD', 'BANGALORE');
21 insert into BRANCH (BNAME, CITY) values ('ANDHERI', 'BOMBAY');
22 insert into BRANCH (BNAME, CITY) values ('NAHRU PALACE', 'DELHI');
23 insert into BRANCH (BNAME, CITY) values ('POWAI', 'BOMBAY');
24 select * from BRANCH;
25 select BNAME from BRANCH;
26 select BNAME from BRANCH where CITY='BOMBAY';
27 select BNAME from BRANCH where CITY='DELHI';
```

3 rows

BNAME
KAROLBAGH
CHANDNI
NAHRU PALACE

19. Give name of the city where branch KAROLBAGH is located

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Database Queries Export Share Snippet Run

```
14 create table BRANCH (BNAME varchar(20),CITY varchar(30)NOT NULL);
15 insert into BRANCH (BNAME, CITY) values ('VRCE', 'NAGPUR');
16 insert into BRANCH (BNAME, CITY) values ('AJNI', 'NAGPUR');
17 insert into BRANCH (BNAME, CITY) values ('KAROLBAGH', 'DELHI');
18 insert into BRANCH (BNAME, CITY) values ('CHANDNI', 'DELHI');
19 insert into BRANCH (BNAME, CITY) values ('DHARAMPETH', 'NAGPUR');
20 insert into BRANCH (BNAME, CITY) values ('HS ROAD', 'BANGALORE');
21 insert into BRANCH (BNAME, CITY) values ('ANDHERI', 'BOMBAY');
22 insert into BRANCH (BNAME, CITY) values ('NAHRU PALACE', 'DELHI');
23 insert into BRANCH (BNAME, CITY) values ('POWAI', 'BOMBAY');
24 select * from BRANCH;
25 select BNAME from BRANCH;
26 select BNAME from BRANCH where CITY='BOMBAY';
27 select BNAME from BRANCH where CITY='DELHI';
28 select CITY from BRANCH where BNAME='KAROLBAGH';
```

1 row

CITY
DELHI