

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

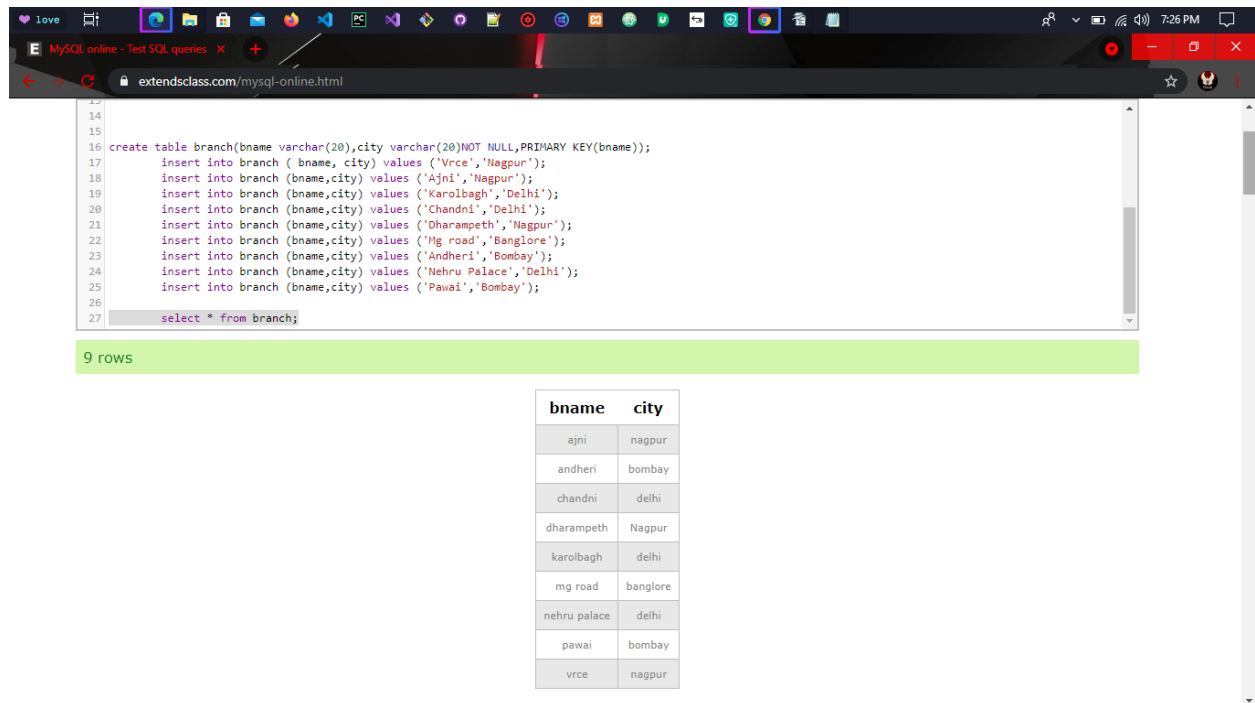
DHARAMPETH NAGPUR

MG ROAD BANGALORE

ANDHERI BOMBAY

NEHRU PALACE DELHI

POWAI BOMBAY



```
14
15
16 create table branch(bname varchar(20),city varchar(20)NOT NULL,PRIMARY KEY(bname));
17 insert into branch ( bname, city) values ('Vrce','Nagpur');
18 insert into branch (bname,city) values ('Ajni','Nagpur');
19 insert into branch (bname,city) values ('Karolbagh','Delhi');
20 insert into branch (bname,city) values ('Chandni','Delhi');
21 insert into branch (bname,city) values ('Dharampeth','Nagpur');
22 insert into branch (bname,city) values ('Mg road','Banglore');
23 insert into branch (bname,city) values ('Andheri','Bombay');
24 insert into branch (bname,city) values ('Nehru Palace','Delhi');
25 insert into branch (bname,city) values ('Pawai','Bombay');
26
27 select * from branch;
```

9 rows

bname	city
ajni	nagpur
andheri	bombay
chandni	delhi
dharampeth	Nagpur
karolbagh	delhi
mg road	banglore
nehru palace	delhi
pawai	bombay
vrce	nagpur

2. Inserting values into Customer table

ANIL CALCUTTA

SUNIL DELHI

MEHUL BARODA

MANDAR PATNA

MADHURI NAGPUR

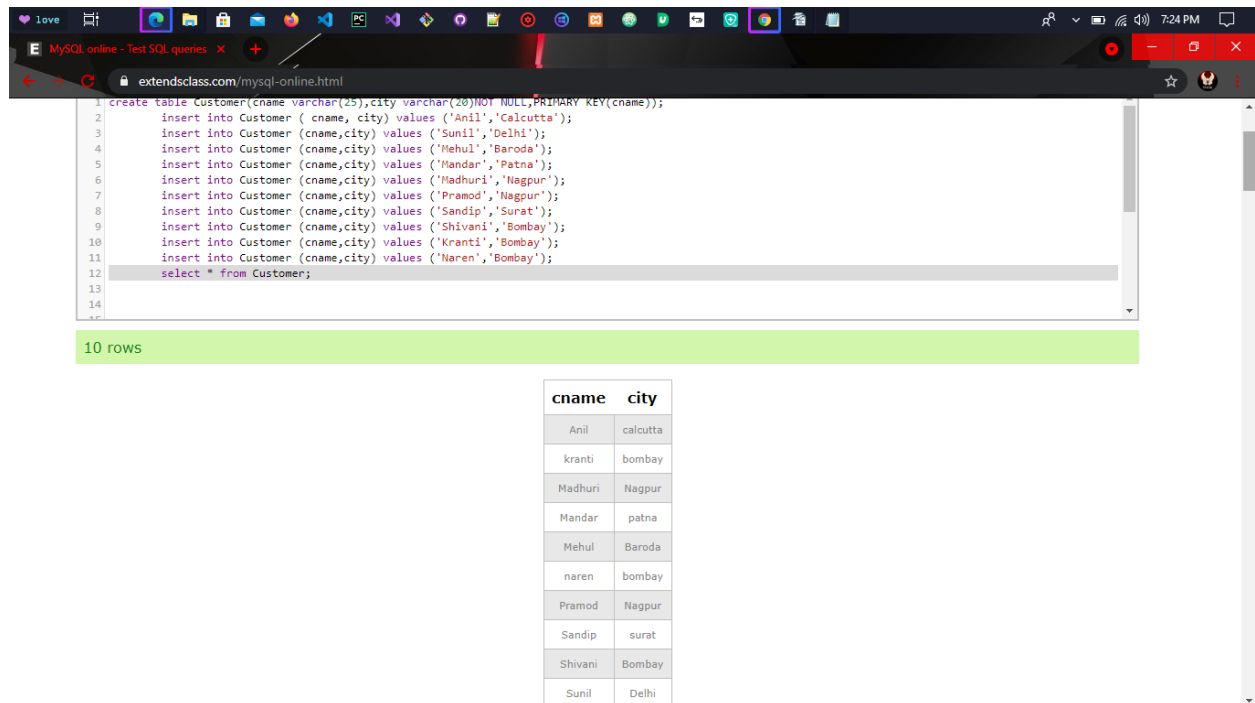
PRAMOD NAGPUR

SANDIP SURAT

SHIVANI BOMBAY

KRANTI BOMBAY

NAREN BOMBAY



```
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 ('Krantik','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
Pramod	Nagpur
Sandip	surat
Shivani	Bombay
Sunil	Delhi

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');
```

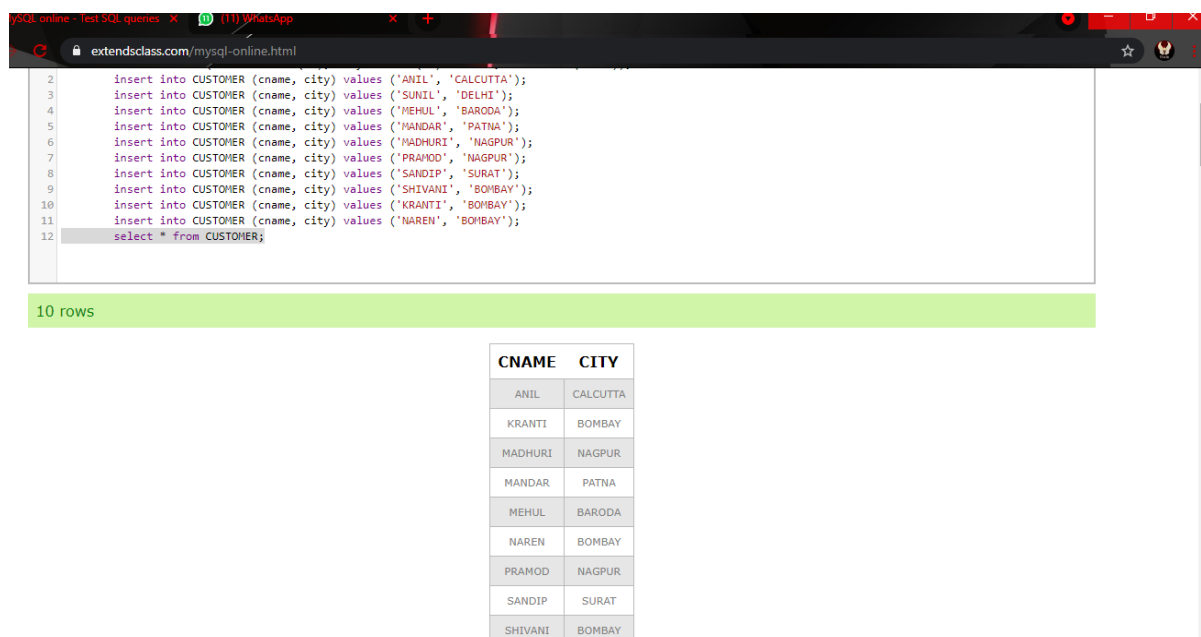
```
insert into CUSTOMER (cname, city) values ('SANDIP', 'SURAT');
```

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;



The screenshot shows a web browser window with the URL `extendsclass.com/mysql-online.html`. The browser's address bar and tabs are visible at the top. The main content area displays a list of SQL queries in a text editor, numbered 2 through 12. The queries are:

```
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;
```

Below the queries, a green bar indicates "10 rows". Underneath this bar is a table with two columns, **CNAME** and **CITY**, containing the following data:

CNAME	CITY
ANIL	CALCUTTA
KRANTI	BOMBAY
MADHURI	NAGPUR
MANDAR	PATNA
MEHUL	BARODA
NAREN	BOMBAY
PRAMOD	NAGPUR
SANDIP	SURAT
SHIVANI	BOMBAY

4. List all data from branch

```
mysql - test SQL queries X (12) WhatsApp
extendsclass.com/mysql-online.html

22 INSERT INTO BRANCH VALUES ('MG-ROAD','BANGALORE');
23 INSERT INTO BRANCH VALUES ('ANDHERI','BOMBAY');
24 INSERT INTO BRANCH VALUES ('NEHRU-PALACE','DELHI');
25 INSERT INTO BRANCH VALUES ('POWAI','BOMBAY');
26 SELECT * FROM BRANCH;
27
28
29 INSERT INTO BORROW VALUES ('L201','ANIL','VRCE','1000.00');
30 INSERT INTO BORROW VALUES ('L206','MEHUL','AJNI','5000.00');
31 INSERT INTO BORROW VALUES ('L311','SUNIL','DHARAMPETH','3000.00');
32 INSERT INTO BORROW VALUES ('L321','MADHURI','ANDHERI','2000.00');
33 INSERT INTO BORROW VALUES ('L371','PRAHOD','VIRAR','8000.00');
34 INSERT INTO BORROW VALUES ('L481','KRANTI','NEHRU PLACE','3000.00');
35 SELECT * FROM BORROW;
36
```

9 rows

BNAME	CITY
AJNI	NAGPUR
ANDHERI	BOMBAY
CHANDNI	DELHI
DHARAMPETH	NAGPUR
KAROLBAGH	DELHI
MG-ROAD	BANGALORE
NEHRU-PALACE	DELHI

7. Give name of customers

select cname from CUSTOMER;

```
mysql - test SQL queries X (12) WhatsApp
extendsclass.com/mysql-online.html

5 INSERT INTO CUSTOMER VALUES('ANIL','CALCUTTA');
6 INSERT INTO CUSTOMER VALUES('SUNIL','DELHI');
7 INSERT INTO CUSTOMER VALUES('MEHUL','BARODA');
8 INSERT INTO CUSTOMER VALUES('MANDAR','PATNA');
9 INSERT INTO CUSTOMER VALUES('MADHURI','NAGPUR');
10 INSERT INTO CUSTOMER VALUES('PRAHOD','NAGPUR');
11 INSERT INTO CUSTOMER VALUES('SANDIP','SURAT');
12 INSERT INTO CUSTOMER VALUES('SHIVANI','BOMBAY');
13 INSERT INTO CUSTOMER VALUES('KRANTI','BOMBAY');
14 INSERT INTO CUSTOMER VALUES('NAREN','BOMBAY');
15 SELECT CNAME FROM CUSTOMER;
16
17
```

10 rows

CNAME
ANIL
KRANTI
MADHURI
MANDAR
MEHUL
NAREN

8. Give name of branches

MySQL online - Test SQL queries x (12) WhatsApp x +

extendsclass.com/mysql-online.html

```
14 INSERT INTO CUSTOMER VALUES('NAREN','BOMBAY');
15 SELECT * FROM CUSTOMER;
16
17 INSERT INTO BRANCH VALUES ('VRCE','NAGPUR');
18 INSERT INTO BRANCH VALUES ('AJNI','NAGPUR');
19 INSERT INTO BRANCH VALUES ('KAROLBAGH','DELHI');
20 INSERT INTO BRANCH VALUES ('CHANDNI','DELHI');
21 INSERT INTO BRANCH VALUES ('DHARAMPETH','NAGPUR');
22 INSERT INTO BRANCH VALUES ('MG-ROAD','BANGALORE');
23 INSERT INTO BRANCH VALUES ('ANDHERI','BOMBAY');
24 INSERT INTO BRANCH VALUES ('NEHRU-PALACE','DELHI');
25 INSERT INTO BRANCH VALUES ('POWAI','BOMBAY');
26 SELECT BNAME FROM BRANCH;
27
28
```

9 rows

BNAME
AJNI
ANDHERI
CHANDNI
DHARAMPETH
KAROLBAGH
MG-ROAD
NEHRU-PALACE

10. Give names of customer living in city Nagpur

select cname from CUSTOMER where city='NAGPUR';

MySQL online - Test SQL queries x (11) WhatsApp x +

extendsclass.com/mysql-online.html

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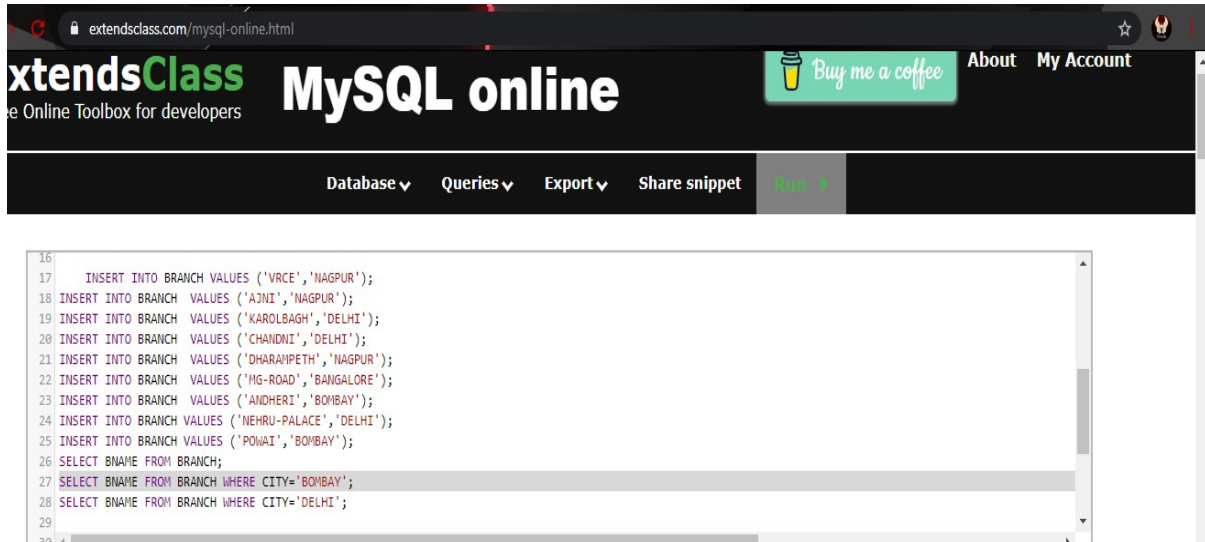
Database v Queries v Export v Share snippet Run ▶

```
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 ('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
13 select cname from CUSTOMER;
14 select cname from CUSTOMER where city='NAGPUR';
```

2 rows

cname
MADHURI
PRAMOD

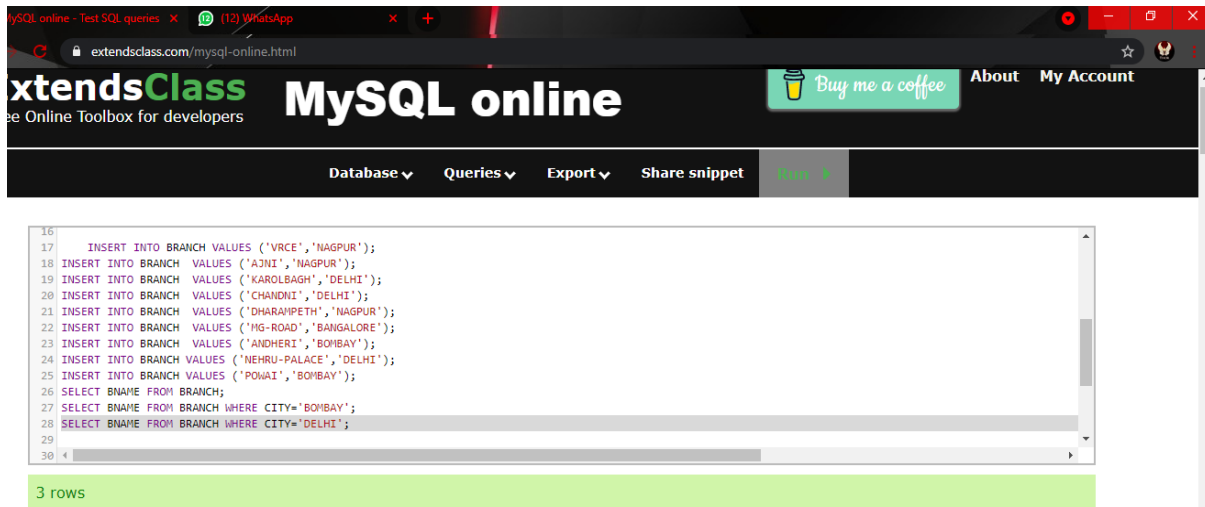
13. Give name of all branches located in Bombay



The screenshot shows the extendsClass MySQL online interface. The URL is extendsclass.com/mysql-online.html. The page has a dark header with the extendsClass logo, "MySQL online", and a "Buy me a coffee" button. Below the header is a navigation bar with "Database", "Queries", "Export", and "Share snippet" buttons. The main area is a SQL query editor with a light blue background. The query is as follows:

```
16
17 INSERT INTO BRANCH VALUES ('VRCE','NAGPUR');
18 INSERT INTO BRANCH VALUES ('AJNI','NAGPUR');
19 INSERT INTO BRANCH VALUES ('KAROLBAGH','DELHI');
20 INSERT INTO BRANCH VALUES ('CHANDNI','DELHI');
21 INSERT INTO BRANCH VALUES ('DHARAMPETH','NAGPUR');
22 INSERT INTO BRANCH VALUES ('MG-ROAD','BANGALORE');
23 INSERT INTO BRANCH VALUES ('ANDHERI','BOMBAY');
24 INSERT INTO BRANCH VALUES ('NEHRU-PALACE','DELHI');
25 INSERT INTO BRANCH VALUES ('POWAI','BOMBAY');
26 SELECT BNAME FROM BRANCH;
27 SELECT BNAME FROM BRANCH WHERE CITY='BOMBAY';
28 SELECT BNAME FROM BRANCH WHERE CITY='DELHI';
29
30
```

16. Give names of all branched located in city Delhi



The screenshot shows the extendsClass MySQL online interface. The URL is extendsclass.com/mysql-online.html. The page has a dark header with the extendsClass logo, "MySQL online", and a "Buy me a coffee" button. Below the header is a navigation bar with "Database", "Queries", "Export", and "Share snippet" buttons. The main area is a SQL query editor with a light blue background. The query is as follows:

```
16
17 INSERT INTO BRANCH VALUES ('VRCE','NAGPUR');
18 INSERT INTO BRANCH VALUES ('AJNI','NAGPUR');
19 INSERT INTO BRANCH VALUES ('KAROLBAGH','DELHI');
20 INSERT INTO BRANCH VALUES ('CHANDNI','DELHI');
21 INSERT INTO BRANCH VALUES ('DHARAMPETH','NAGPUR');
22 INSERT INTO BRANCH VALUES ('MG-ROAD','BANGALORE');
23 INSERT INTO BRANCH VALUES ('ANDHERI','BOMBAY');
24 INSERT INTO BRANCH VALUES ('NEHRU-PALACE','DELHI');
25 INSERT INTO BRANCH VALUES ('POWAI','BOMBAY');
26 SELECT BNAME FROM BRANCH;
27 SELECT BNAME FROM BRANCH WHERE CITY='BOMBAY';
28 SELECT BNAME FROM BRANCH WHERE CITY='DELHI';
29
30
```

Below the query editor, a green bar indicates "3 rows".

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

extendsClassMySQL online

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DatabaseQueriesExportShare snippet

```
17 INSERT INTO BRANCH VALUES ('VRCE','NAGPUR');
18 INSERT INTO BRANCH VALUES ('AJNI','NAGPUR');
19 INSERT INTO BRANCH VALUES ('KAROLBAGH','DELHI');
20 INSERT INTO BRANCH VALUES ('CHANDNI','DELHI');
21 INSERT INTO BRANCH VALUES ('DHARAMPETH','NAGPUR');
22 INSERT INTO BRANCH VALUES ('MG-ROAD','BANGALORE');
23 INSERT INTO BRANCH VALUES ('ANDHERI','BOMBAY');
24 INSERT INTO BRANCH VALUES ('NEHRU-PALACE','DELHI');
25 INSERT INTO BRANCH VALUES ('POHAI','BOMBAY');
26 SELECT BNAME FROM BRANCH;
27 SELECT BNAME FROM BRANCH WHERE CITY='BOMBAY';
28 SELECT BNAME FROM BRANCH WHERE CITY='DELHI';
29 SELECT CITY FROM BRANCH WHERE BNAME='KAROLBAGH';
```