ASSIGNMENT 2:   Jeena Mathew

R mca s2:

rollno:42

1)List all data from table deposite

CREATE TABLE DEPOSIT (ACTNOVARCHAR(5) CHECK (ACTNO LIKE 'D%') PRIMARY KEY ,CNAME
VARCHAR(15) REFERENCES CUSTOMER(CNAME) ,BNAME VARCHAR(20) REFERENCES
BRANCH(BNAME),AMOUNT FLOAT(8,2) CHECK (AMOUNT>0) NOT NULL, ADATE DATE);
CREATE TABLE CUSTOMER (CNAME VARCHAR(15) PRIMARY KEY ,CITY VARCHAR(20) NOT
NULL);
INSERT INTO CUSTOMER VALUES('ANIL','CALCUTTA');
 INSERT INTO CUSTOMER VALUES('SUNIL','DELHI');
 INSERT INTO CUSTOMER VALUES('MEHUL','BARODA');
 INSERT INTO CUSTOMER VALUES('MANDAR','PATNA');
 INSERT INTO CUSTOMER VALUES('MADHURI','NAGPUR');
 INSERT INTO CUSTOMER VALUES('PRAMOD', 'NAGPUR');
 INSERT INTO CUSTOMER VALUES('SANDIP','SURAT');
 INSERT INTO CUSTOMER VALUES('SHIVANI','BOMBAY');
 INSERT INTO CUSTOMER VALUES('KRANTI','BOMBAY');
INSERT INTO CUSTOMER VALUES('NAREN','BOMBAY');
INSERT INTO DEPOSIT VALUES('D99','ANIL','VRCE', 1000.00 ,'1995-03-1');
INSERT INTO DEPOSIT VALUES('D101','SUNIL','ANJNI',500.00,'1996-01-4');
INSERT INTO DEPOSIT VALUES('D102','MEHUL','KAROLBAGH',3500.00,'`1995-11-17');
INSERT INTO DEPOSIT VALUES('D104','MADHURI','CHANDNI',1200.00,'1995-12-17');
INSERT INTO DEPOSIT VALUES('D105','PRAMOD','MG ROAD' ,3000.00 ,'1996-03-27');
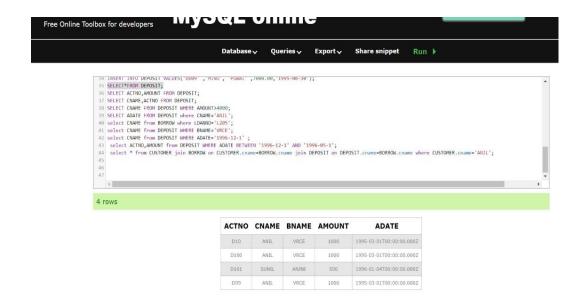INSERT INTO DEPOSIT VALUES('D106','SANDIP ','ANDHERI',2000.00,'1996-03-31');
INSERT INTO DEPOSIT VALUES('D107' ,'SHIVANI' ,'VIRAR',1000.00 ,'1995-09-05');
INSERT INTO DEPOSIT VALUES('D108' ,'KRANTI', 'NEHRU PALACE' ,5000.00,'1995-07-
02');
INSERT INTO DEPOSIT VALUES('D109' ,'MINU', 'POWAI' ,7000.00,'1995-08-10');

SELECT*FROM DEPOSIT;

OUTPUT

```
34 INSERT INTO DEPOSIT VALUES('D109','MINU','POWAI',7000.00,'1995-08-10');
35 SELECT*FROM DEPOSIT;
36 SELECT ACTNO,AMOUNT FROM DEPOSIT;
37 SELECT CNAME,ACTNO FROM DEPOSIT;
38 SELECT CNAME FROM DEPOSIT WHERE AMOUNT>4000;
39 SELECT ADATE FROM DEPOSIT where CNAME='ANIL';
40 select CNAME from BORROW where LOANNO='L205';
41 select CNAME from DEPOSIT WHERE BNAME='VRCE';
42 select CNAME from DEPOSIT WHERE ADATE='1996-12-1' ;
43 select ACTNO,AMOUNT from DEPOSIT WHERE ADATE BETWEEN '1996-12-1' AND '1996-05-1';
44 select * from CUSTOMER join BORROW on CUSTOMER.cname=BORROW.cname join DEPOSIT on DEPOSIT.cname=BORROW.cname where CUSTOMER.cname='ANIL';
45
46
47
```

4 rows

ACTNO	CNAME	BNAME	AMOUNT	ADATE
D10	ANIL	VRCE	1000	1995-03-01T00:00:00.000Z
D100	ANIL	VRCE	1000	1995-03-01T00:00:00.000Z
D101	SUNIL	ANJNI	500	1996-01-04T00:00:00.000Z
D99	ANIL	VRCE	1000	1995-03-01T00:00:00.000Z

1. List all data from borrow
   CREATE TABLE BORROW (LOANNO VARCHAR (8) CHECK (LOANNO LIKE 'L%') PRIMARY
   KEY,CNAME VARCHAR(15) REFERENCES CUSTOMER(CNAME) ,BNAME VARCHAR(20)
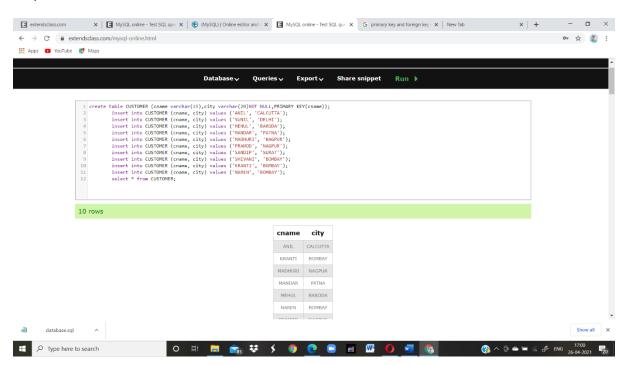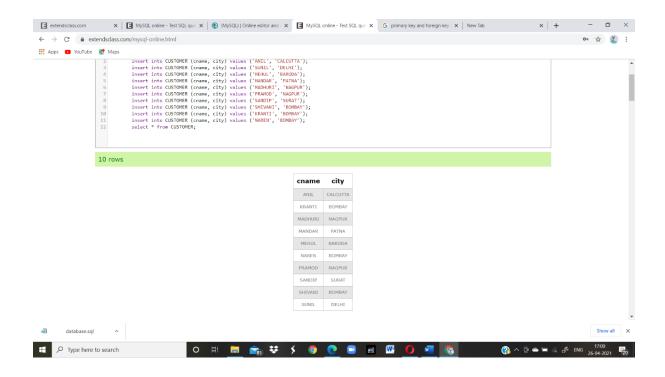   REFERENCES BRANCH(BNAME),
           AMOUNT FLOAT(8,2) CHECK (AMOUNT>0) NOT NULL);
   INSERT INTO BORROW VALUES ('L201','ANIL','VRCE','1000.00');
   INSERT INTO BORROW VALUES ('L206','MEHUL','AJNI','5000.00');
   INSERT INTO BORROW VALUES ('L311','SUNIL','DHARAMPETH','3000.00');
   INSERT INTO BORROW VALUES ('L321','MADHURI','ANDHERI','2000.00');
   INSERT INTO BORROW VALUES ('L371','PRAMOD','VIRAR','8000.00');
   INSERT INTO BORROW VALUES ('L481','KRANTI','NEHRU PLACE','3000.00');
   SELECT * CREATE TABLE BORROW (LOANNO VARCHAR (8) CHECK (LOANNO LIKE 'L%')
   PRIMARY KEY,CNAME VARCHAR(15) REFERENCES CUSTOMER(CNAME) ,BNAME
   VARCHAR(20) REFERENCES BRANCH(BNAME),
           AMOUNT FLOAT(8,2) CHECK (AMOUNT>0) NOT NULL);
   INSERT INTO BORROW VALUES ('L201','ANIL','VRCE','1000.00');
   INSERT INTO BORROW VALUES ('L206','MEHUL','AJNI','5000.00');
   INSERT INTO BORROW VALUES ('L311','SUNIL','DHARAMPETH','3000.00');
   INSERT INTO BORROW VALUES ('L321','MADHURI','ANDHERI','2000.00');
   INSERT INTO BORROW VALUES ('L371','PRAMOD','VIRAR','8000.00');
   INSERT INTO BORROW VALUES ('L481','KRANTI','NEHRU PLACE','3000.00');
   SELECT * FROM BORROW;BORROW;

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;

output

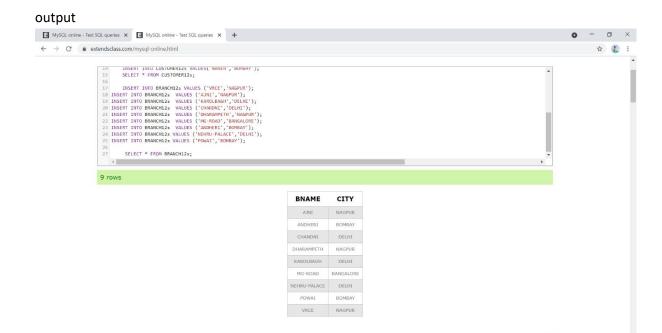```
2   insert into CUSTOMER (cname, city) values ('ANIL', 'CALCUTTA');
3   insert into CUSTOMER (cname, city) values ('SUNIL', 'DELHI');
4   insert into CUSTOMER (cname, city) values ('MEHUL', 'BARODA');
5   insert into CUSTOMER (cname, city) values ('MANDAR', 'PATNA');
6   insert into CUSTOMER (cname, 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

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

database.sql

Type here to search

4. List all data from branch

```
CREATE TABLE BRANCH12s (BNAME VARCHAR(20) PRIMARY KEY,CITY VARCHAR(30) CHECK
(CITY IN ('NAGPUR','DELHI','BANGALORE','BOMBAY')) NOT NULL);
INSERT INTO BRANCH12s VALUES ('VRCE','NAGPUR');
INSERT INTO BRANCH12s VALUES ('AJNI','NAGPUR');
INSERT INTO BRANCH12s VALUES ('KAROLBAGH','DELHI');
INSERT INTO BRANCH12s VALUES ('CHANDNI','DELHI');
INSERT INTO BRANCH12s VALUES ('DHARAMPETH','NAGPUR');
INSERT INTO BRANCH12s VALUES ('MG-ROAD','BANGALORE');
INSERT INTO BRANCH12s VALUES ('ANDHERI','BOMBAY');
INSERT INTO BRANCH12s VALUES ('NEHRU-PALACE','DELHI');
INSERT INTO BRANCH12s VALUES ('POWAI','BOMBAY');

    SELECT * FROM BRANCH12s;
```
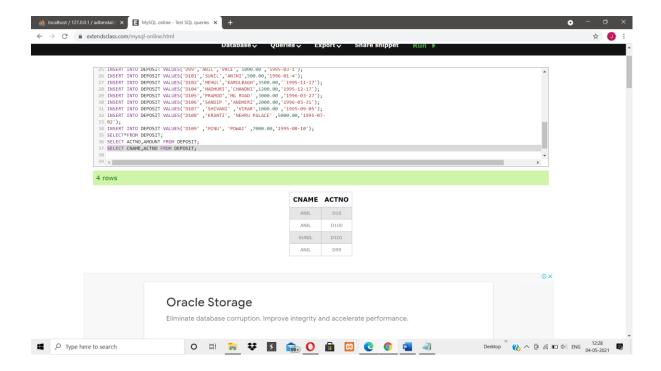
output



## 5. Give account no and amount of deposite

# SELECT ACTNO,AMOUNT FROM DEPOSIT;



## 6. Give customer name and account no of depositors

SELECT CNAME,ACTNO FROM DEPOSIT;

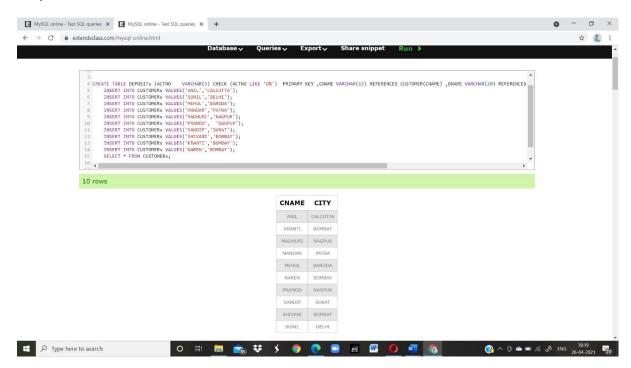7. Give name of customers

CREATE TABLE CUSTOMERs (CNAME VARCHAR(15) PRIMARY KEY ,CITY VARCHAR(20) NOT NULL);CREATE TABLE DEPOSITs (ACTNO VARCHAR(5) CHECK (ACTNO LIKE 'D%') PRIMARY KEY ,CNAME VARCHAR(15) REFERENCES CUSTOMER(CNAME) ,BNAME VARCHAR(20) REFERENCES BRANCH(BNAME),AMOUNT FLOAT(8,2) CHECK (AMOUNT>0) NOT NULL, ADATE DATE);

INSERT INTO CUSTOMERs VALUES('ANIL','CALCUTTA');

INSERT INTO CUSTOMERs VALUES('SUNIL','DELHI');

INSERT INTO CUSTOMERs VALUES('MEHUL','BARODA');

INSERT INTO CUSTOMERs VALUES('MANDAR','PATNA');

INSERT INTO CUSTOMERs VALUES('MADHURI','NAGPUR');

INSERT INTO CUSTOMERs VALUES('PRAMOD','NAGPUR');

INSERT INTO CUSTOMERs VALUES('SANDIP','SURAT');

INSERT INTO CUSTOMERs VALUES('SHIVANI','BOMBAY');

INSERT INTO CUSTOMERs VALUES('KRANTI','BOMBAY');

INSERT INTO CUSTOMERs VALUES('NAREN','BOMBAY');

SELECT * FROM CUSTOMERs;

Output



8. Give name of branches

9. Give name of borrows

CREATE TABLE BORROW (LOANNO VARCHAR (8) CHECK (LOANNO LIKE 'L%')  PRIMARY KEY,CNAME VARCHAR(15) REFERENCES CUSTOMER(CNAME) ,BNAME VARCHAR(20) REFERENCES BRANCH(BNAME),AMOUNT FLOAT(8,2) CHECK (AMOUNT>0) NOT NULL);

INSERT INTO BORROW VALUES ('L201','ANIL','VRCE','1000.00');

INSERT INTO BORROW VALUES ('L206','MEHUL','AJNI','5000.00');

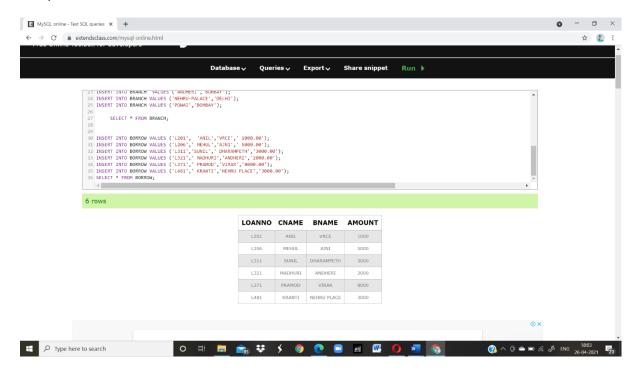INSERT INTO BORROW VALUES ('L311','SUNIL','DHARAMPETH','3000.00');

INSERT INTO BORROW VALUES ('L321','MADHURI','ANDHERI','2000.00');

INSERT INTO BORROW VALUES ('L371','PRAMOD','VIRAR','8000.00');

INSERT INTO BORROW VALUES ('L481','KRANTI','NEHRU PLACE','3000.00');

SELECT * FROM BORROW;

Outrput



10. Give names of customer living in city Nagpur

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');

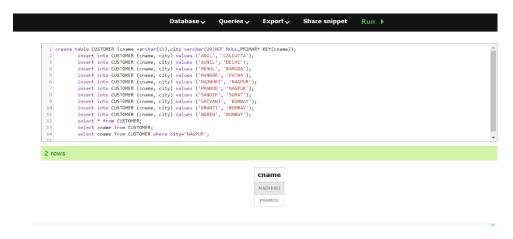insert into CUSTOMER (cname, city) values ('SHIVANI', 'BOMBAY');

insert into CUSTOMER (cname, city) values ('KRANTI', 'BOMBAY');

insert into CUSTOMER (cname, city) values ('NAREN', 'BOMBAY');

select * from CUSTOMER;

select cname from CUSTOMER;

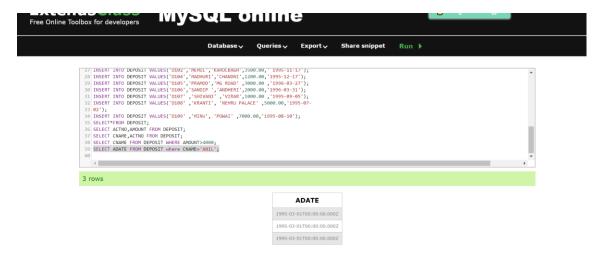select cname from CUSTOMER where city='NAGPUR';

output



11. Give names of depositors having amount greater than 4000

select CNAME from DEPOSIT where AMOUNT>4000;

SELECT ADATE FROM DEPOSIT where CNAME='ANIL';



12. Give account date of Anil

13. Give name of all branches located in Bombay

14. Give name of borrower having loan number l205

select CNAME from BORROW where LOANNO='L205';

15. Give names of depositors having account at VRCE16. Give names of all branched located in city Delhi

17. Give name of the customers who opened account date '1-12-96'

18. Give account no and deposit amount of customers having account opened between dates

'1-12-96' and '1-5-96'

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

20. Give details of customer ANIL