

ASSIGNMENT: 1 CREATE AND INSERT VALUES TO THE FOLLOWING TABLES

ASSIGNMENT 2: SELECTING DATA FROM SINGLE TABLE

```
CREATE TABLE CUSTOMER (CNAME VARCHAR(15) PRIMARY KEY ,CITY VARCHAR(20) NOT NULL );
```

```
CREATE TABLE BRANCH (BNAME VARCHAR(20) PRIMARY KEY,CITY VARCHAR(30) CHECK (CITY IN ('NAGPUR','DELHI','BANGALORE','BOMBAY')) NOT NULL);
```

```
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);
```

```
CREATE TABLE DEPOSIT (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 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 BRANCH VALUES('VRCE','NAGPUR');
```

```
INSERT INTO BRANCH VALUES('AJNI', 'NAGPUR');
```

```
INSERT INTO BRANCH VALUES('KAROLBAGH','DELHI');
```

```
INSERT INTO BRANCH VALUES('CHANDNI' , 'DELHI');
```

```
INSERT INTO BRANCH VALUES('DHARAMPETH' , 'NAGPUR');
```

```
INSERT INTO BRANCH VALUES('MG ROAD' , 'BANGALORE');
```

```
INSERT INTO BRANCH VALUES('ANDHERI', 'BOMBAY');
```

```
INSERT INTO BRANCH VALUES('NEHRU PALACE', 'DELHI');
```

```
INSERT INTO BRANCH VALUES('POWAI', 'BOMBAY');
```

```
INSERT INTO DEPOSIT VALUES('D100', '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');
```

```
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 PALACE', 3000.00);
```

```
/*ASSIGNMENT NO. 2: SELECTING DATA FROM SINGLE TABLE*/
```

```
/*1. List all data from table deposit*/
```

```
SELECT*FROM DEPOSIT;
```

ACTNO	CNAME	BNAME	AMOUNT	ADATE
D100	ANIL	VRCE	1000.00	1995-03-01
D101	SUNIL	ANJNI	500.00	1996-01-04
D102	MEHUL	KAROLBAGH	3500.00	1995-11-17
D104	MADHURI	CHANDNI	1200.00	1995-12-17
D105	PRAMOD	MG ROAD	3000.00	1996-03-27
D106	SANDIP	ANDHERI	2000.00	1996-03-31
D107	SHIVANI	VIRAR	1000.00	1995-09-05
D108	KRANTI	NEHRU PLACE	5000.00	1995-07-02
D109	MINU	POWAI	7000.00	1995-08-10

/*2.List all data from borrow*/

SELECT*FROM BORROW;

LOANNO	CNAME	BNAME	AMOUNT
L201	ANIL	VRCE	1000.00
L206	MEHUL	AJNI	5000.00
L311	SUNIL	DHARAMPETH	3000.00
L321	MADHURI	ANDHERI	2000.00
L371	PRAMOD	VIRAR	8000.00
L481	KRANTI	NEHRU PALACE	3000.00

/*3.List all data from customer*/

SELECT*FROM CUSTOMER;

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

/*4.List all data from branch*/

SELECT*FROM BRANCH;

bname	city
VRCE	NAGPUR
AJNI	NAGPUR
KAROLBAGH	DELHI
CHANDNI	DELHI
DHARAMPETH	NAGPUR
MG-ROAD	BANGALORE
ANDHERI	BOMBAY
NEHRU-PALACE	DELHI
POWAI	BOMBAY

/*5.Give account no and amount of deposit*/

SELECT ACTNO,AMOUNT FROM DEPOSIT;

ACTNO	AMOUNT
D100	1000.00
D101	500.00
D102	3500.00
D104	1200.00
D105	3000.00
D106	2000.00
D107	1000.00
D108	5000.00
D109	7000.00

/*6.Give customer name and account no of depositors*/

SELECT CNAME,ACTNO FROM DEPOSIT;

CNAME	ACTNO
ANIL	D100
SUNIL	D101
MEHUL	D102
MADHURI	D104
PRAMOD	D105
SANDIP	D106
SHIVANI	D107
KRANTI	D108
MINU	D109

/*7.Give name of customers*/

SELECT CNAME FROM CUSTOMER;

CNAME
ANIL
KRANTI
MADHURI
MANDAR
MEHUL
NAREN
PRAMOD
SANDIP
SHIVANI
SUNIL

/*8.Give name of branches*/

SELECT BNAME FROM BRANCH;

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

/*9.Give name of borrows*/

SELECT CNAME FROM BORROW;

CNAME

ANIL

MEHUL

SUNIL

MADHURI

PRAMOD

KRANTI


/*10. Give names of customer living in city Nagpur*/

SELECT CNAME FROM CUSTOMER WHERE CITY='NAGPUR';

CNAME

Delete MADHURI

Delete PRAMOD

With selected:  Edit 

/*11. Give names of depositors having amount greater than 4000*/

select CNAME from DEPOSIT where AMOUNT>4000;

CNAME

Delete KRANTI

Delete MINU

/* 12. Give account date of Anil*/

SELECT ADATE FROM DEPOSIT where CNAME='ANIL';

ADATE

Delete 1995-03-01

With selected:  Edit 

/* 13. Give name of all branches located in Bombay*/

select BNAME from BRANCH where CITY='Bombay';

+ Options
 BNAME
 ANDHERI
 POWAI

/* 14. Give name of borrower having loan number l205*/

select CNAME from BORROW where LOANNO='L205'

/*15. Give names of depositors having account at VRCE*/

select CNAME from DEPOSIT WHERE BNAME='VRCE'

+ Options
 CNAME
 ANIL
 Edit Copy Delete
 Check all With selected:

/*16. Give names of all branched located in city Delhi*/

select BNAME from BRANCH WHERE CITY='Delhi'

+ Options
 BNAME
 KAROLBAGH
 CHANDNI
 NEHRU-PALACE

Show all | Number of

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

select CNAME from DEPOSIT WHERE ADATE='1996-12-1'

no data

/*18. Give account no and deposit amount of customers having account opened between dates '1-12-96' and '1-5-96'*/

select ACTNO,AMOUNT from DEPOSIT WHERE ADATE BETWEEN '1996-12-1' AND '1996-05-1'

Empty Result

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

select CITY from BRANCH where BNAME='KAROLBAGH'

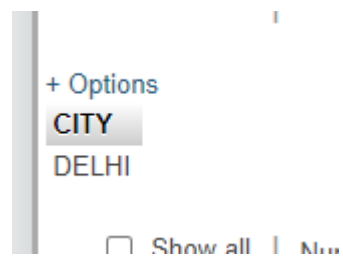


Table with 1 column: CITY

DELHI

Controls: + Options, Show all, 1 row

/*20. Give details of customer ANIL*/

select * from customer join borrow on customer.cname=borrow.cname join deposit on deposit.cname=borrow.cname where customer.cname='ANIL';

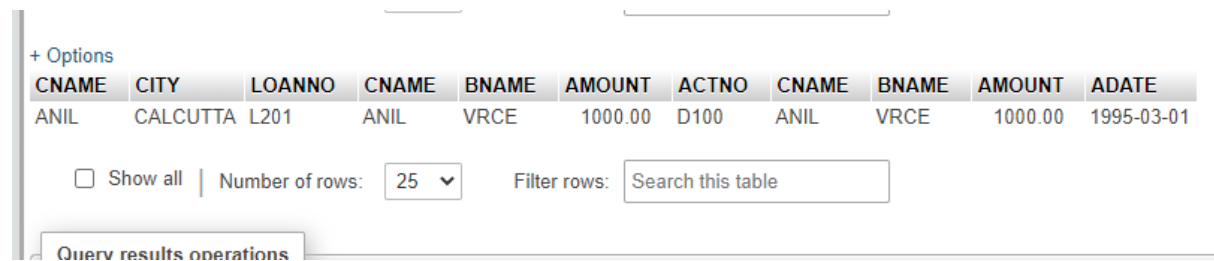


Table with 11 columns: CNAME, CITY, LOANNO, CNAME, BNAME, AMOUNT, ACTNO, CNAME, BNAME, AMOUNT, ADATE

ANIL	CALCUTTA	L201	ANIL	VRCE	1000.00	D100	ANIL	VRCE	1000.00	1995-03-01
------	----------	------	------	------	---------	------	------	------	---------	------------

Controls: + Options, Show all, Number of rows: 25, Filter rows: Search this table

Query results operations