Consider the following database for a banking enterprise.

BRANCH (branch-name: String, branch-city: String, assets: real)

ACCOUNTS (accno: int, branch-name: String, balance: real)

DEPOSITOR (customer-name: String, customer-street: String, customer-city: String)

LOAN (loan-number: int, branch-name: String, amount: real)

BORROWER (customer-name: String, loan-number: int)

i. Create the above tables by properly specifying the primary keys and the foreign keys.

```
CREATE TABLE BRANCH(
BRANCH_NAME VARCHAR(20),
BRANCH_CITY VARCHAR(20),
ASSETS REAL,
PRIMARY KEY(BRANCH_NAME));

CREATE TABLE BANK_ACCOUNT(
ACCNO INT,
BRANCH_NAME VARCHAR(20),
BALANCE REAL,
PRIMARY KEY(ACCNO),
FOREIGN KEY(BRANCH_NAME) REFERENCES BRANCH(BRANCH_NAME));

  CREATE TABLE BANK_CUSTOMER(
  CUSTOMERNAME VARCHAR(20),
  CUSTOMERSTREET VARCHAR(30),
  CUSTOMERCITY VARCHAR(30),
  PRIMARY KEY(CUSTOMERNAME));

  CREATE TABLE DEPOSITER(
  CUSTOMERNAME VARCHAR(20),
  ACCNO INTEGER,
  PRIMARY KEY(CUSTOMERNAME,ACCNO),
  FOREIGN KEY(CUSTOMERNAME) REFERENCES BANK_CUSTOMER(CUSTOMERNAME),
     FOREIGN KEY(ACCNO) REFERENCES BANK_ACCOUNT(ACCNO));

     CREATE TABLE LOAN(
     LOAN_NUMBER INT,
     BRANCH_NAME VARCHAR(20),
```

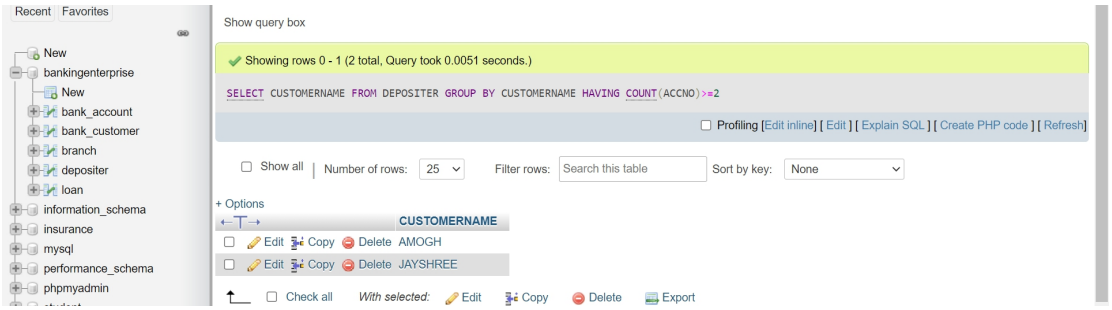
```
    AMOUNT REAL,
    PRIMARY KEY(LOAN_NUMBER),
    FOREIGN KEY(BRANCH_NAME) REFERENCES BRANCH(BRANCH_NAME));
```

ii. Enter at least five tuples for each relation.

```
INSERT INTO BRANCH
VALUES('IOB-HANUMANTHNAGAR','BANGLORE','50000'),('IOB-
GANGAVATHI','GANGAVATHI','20000'),('IOB-JAYANAGAR','BANGLORE','70000'),('IOB-
GANDHINAGAR','GANGAVATHI','30000'),('IOB-KRISHNANAGAR','GULBURGA','90000')

INSERT INTO BANK_ACCOUNT
VALUES('101','IOB-HANUMANTHNAGAR','2000'),('102','IOB-
GANGAVATHI','2000') ,('1021','IOB-JAYANAGAR','3000') ,('103','IOB-
KRISHNANAGAR','4000') ,('104','IOB-GANDHINAGAR','5000'),('105','IOB-
HANUMANTHNAGAR','8000') ,('106','IOB-GANDHINAGAR','1000'),('107','IOB-
HANUMANTHNAGAR','500')

INSERT INTO bank_customer
VALUES
('DARSHAN','THYAGRAJNAGAR','BANGLORE'),('SUDEEP','JAYANAGAR','BANGLORE'),('TYAX','G
ANDHINAGAR','GANGAVATHI'),('SAHANA','KRISHNANAGAR','GULBURGA'),('SINDHU','PADMA
NAGAR','BANGLORE'),('JAYSHREE','RAJEEVNAGAR','GANGAVATHI'),('AMOGH','JAYANAGAR','
BANGLORE')

INSERT INTO DEPOSITOR
VALUES('SAHANA','101'),('TYAX','102'),('SUDEEP','1021'),('DARSHAN','103'),('SINDHU','104'),(
'JAYSHREE','106'),('AMOGH','107')
INSERT INTO LOAN
VALUES('1','IOB-HANUMANTHNAGAR','200000'),('2','IOB-JAYANAGAR','100000'),('3','IOB-
GANDHINAGAR','50000'),('4','IOB-KRISHNANAGAR','300000')
```

iii. Find all the customers who have at least two accounts at the Main branch.

SELECT CUSTOMERNAME FROM DEPOSITER GROUP BY CUSTOMERNAME HAVING COUNT(ACCNO)>=2;



iv. Find all the customers who have an account at all the branches located in a specific city.

v. Demonstrate how you delete all account tuples at every branch located in a specific city