```
CREATE TABLE branches (
      address varchar(50)
);
CREATE TABLE employees (
      namez char(20),
      position1 char(20),
      address varchar(50),
      SSN varchar(11),
      salary int(100),
      branchname varchar(20),
       PRIMARY KEY (namez, SSN),
       FOREIGN KEY (branchname) references branches,
      CHECK (branchname is not NULL AND salary > 0)
);
CREATE TABLE customers (
      customerID INT(20),
      name1 char(20),
      addresses varchar(50),
      homebranch varchar(20),
       PRIMARY KEY (name1, addresses),
       FOREIGN KEY (homebranch) references branches,
       FOREIGN KEY (customerID) references accounts,
      CHECK (homebranch is not NULL)
);
CREATE TABLE accounts (
      customerID INT(20),
      transactionID INT(20),
      IsChecking BIT,
      IsSaving BIT,
      overDraftFee INT(10),
      monthlyFee INT(10),
      accountNumber INT(20),
      currentBalance INT(20),
       PRIMARY KEY (accountNumber),
      CHECK (currentBalance > 0)
);
CREATE TABLE transactions(
```

```
transactionID INT(20),
      transactionType char(20),
      amount numeric(20),
      description varchar(100),
      PRIMARY KEY (amount, description),
      FOREIGN KEY (transactionID) references accounts
);
CREATE TABLE loans(
      customerID INT(20),
      IoanAmount INT(20),
      runtime varchar(20),
      interestSchedule numeric(20),
      PRIMARY KEY (loanAmount, runtime, interestSchedule),
      FOREIGN KEY (customerID) references accounts
);
CREATE ROLE customer;
GRANT READ ON account to customer;
CREATE ROLE tellers:
GRANT READ ON account TO tellers;
GRANT UPDATE ON transactions TO Tellers;
CREATE ROLE manager;
GRANT ALL PRIVILEGES ON ALL TABLES IN SCHEMA public TO manager;
CREATE ROLE loanManager;
GRANT ALL PRIVILEGES ON customers TO loanManager;
GRANT ALL PRIVILEGES ON loans TO loanManager;
```