CREATE DATABASE

create database bankingdb;

CREATE TABLE admin (

   admin_id INT AUTO_INCREMENT PRIMARY KEY,

   username VARCHAR(50) NOT NULL,

   password VARCHAR(100) NOT NULL

);

INSERT INTO admin (username, password) VALUES ('adminUser', 'adminPassword');

CREATE TABLES

CREATE TABLE customers (

   full_name VARCHAR(255),

   address VARCHAR(255),

   mobile_no VARCHAR(15),

   email VARCHAR(255),

   account_type VARCHAR(50),

   balance DECIMAL(15, 2),

   dob DATE,

   id_proof VARCHAR(255),

   account_number VARCHAR(16) PRIMARY KEY,

   password VARCHAR(255),

   is_closed TINYINT(1) DEFAULT 0

);

CREATE TABLE transactions (

   transaction_id INT AUTO_INCREMENT PRIMARY KEY,

   account_number VARCHAR(16),

   amount DECIMAL(15, 2),

```sql
    transaction_date DATE,

    transaction_type VARCHAR(50),

    FOREIGN KEY (account_number) REFERENCES customers(account_number)

);
```

INSERT SOME DATA INTO TABLES

```sql
INSERT INTO customers (full_name, address, mobile_no, email, account_type, balance, dob, id_proof,account_number,  password, is_closed) VALUES

('John Doe', '123 Main St', '555-1234', 'johndoe@example.com', 'savings', 1000.00, '1990-01-01', 'ID123456','1234567890123456',  'password123', 0),

( 'Jane Smith', '456 Elm St', '555-5678', 'janesmith@example.com', 'checking', 2000.00, '1985-05-15', 'ID654321','6543210987654321', 'password456', 0);

INSERT INTO transactions (account_number, amount, transaction_date, transaction_type) VALUES

('1234567890123456', 100.00, '2024-07-01', 'deposit'),

('1234567890123456', 50.00, '2024-07-02', 'withdraw'),

('6543210987654321', 200.00, '2024-07-03', 'deposit'),

('6543210987654321', 100.00, '2024-07-04', 'withdraw');
```