create database banking;

use banking;

-- Create the users table

CREATE TABLE users (

id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) UNIQUE NOT NULL,

password VARCHAR(50) NOT NULL,

balance DOUBLE DEFAULT 0.0,

transactions TEXT

);

-- Create the accounts table

CREATE TABLE accounts (

id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) UNIQUE NOT NULL,

balance DOUBLE DEFAULT 0,

account\_number VARCHAR(50) UNIQUE NOT NULL,

FOREIGN KEY (username) REFERENCES users(username)

);

-- Create the transactions table

CREATE TABLE transactions (

id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) NOT NULL,

type VARCHAR(50) NOT NULL,

amount DOUBLE NOT NULL,

timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (username) REFERENCES users(username)

);