CREATE DATABASE IF NOT EXISTS `Assignment1`;

USE `Assignment1`;

CREATE TABLE IF NOT EXISTS `Assignment1`.`Clients`(

`idClient` int(11) NOT NULL AUTO\_INCREMENT,

`Name` varchar(30) DEFAULT NULL,

`PNC` bigint(20) DEFAULT NULL,

`Address` varchar(30) DEFAULT NULL,

PRIMARY KEY (`idClient`));

CREATE TABLE IF NOT EXISTS `Assignment1`.`Accounts`(

`idAccount` int(11) NOT NULL AUTO\_INCREMENT,

`ClientFK` int(11) DEFAULT NULL,

`Type` varchar(30) DEFAULT NULL,

`Amount` int(35) DEFAULT NULL,

`Date` varchar(30) DEFAULT NULL,

PRIMARY KEY (`idAccount`),

constraint acc\_fk FOREIGN KEY(`ClientFK`) REFERENCES Clients(`idClient`)ON DELETE NO ACTION ON UPDATE NO ACTION);

CREATE TABLE IF NOT EXISTS `Assignment1`.`Employees`(

`idEmployee` int(11) NOT NULL AUTO\_INCREMENT,

`Name` varchar(30) DEFAULT NULL,

`Username` varchar(30) DEFAULT NULL,

`Password` varchar(30) DEFAULT NULL,

`Admin` bit(1) DEFAULT NULL,

PRIMARY KEY (`idEmployee`));

CREATE TABLE IF NOT EXISTS `Assignment1`.`Transaction`(

`idTransaction` int(11) NOT NULL AUTO\_INCREMENT,

`ContS` varchar(30) DEFAULT NULL,

`ContD` varchar(30) DEFAULT NULL,

`Suma` int(35) DEFAULT NULL,

`Data` varchar(30) DEFAULT NULL,

`AccFK1` int(11) DEFAULT NULL,

`AccFK2` int(11) DEFAULT NULL,

`EmplFK` int(11) DEFAULT NULL,

PRIMARY KEY (`idTransaction`),

constraint trans\_fk1 FOREIGN KEY(`AccFK1`) REFERENCES Accounts(`idAccount`)ON DELETE NO ACTION ON UPDATE NO ACTION,

constraint trans\_fk2 FOREIGN KEY(`AccFK2`) REFERENCES Accounts(`idAccount`)ON DELETE NO ACTION ON UPDATE NO ACTION,

constraint trans\_fk3 FOREIGN KEY(`EmplFK`) REFERENCES Employees(`idEmployee`)ON DELETE NO ACTION ON UPDATE NO ACTION);

insert into Clients (`idClient`, `Name`, `PNC`, `Address`) values (1, 'Andrew Fisher',1751227336023, '799 Arkansas Hill');

insert into Clients (idClient, Name, PNC, Address) values (2, 'Gloria Stanley',2841227383455, '84986 Pine View Court');

insert into Clients (idClient, Name, PNC, Address) values (3, 'Jack Sullivan',1971227371788, '9156 Glendale Alley');

insert into Clients (idClient, Name, PNC, Address) values (4, 'Christopher Green',1870627373306, '156 Surrey Terrace');

insert into Clients (idClient, Name, PNC, Address) values (5, 'Judy Murphy',2951227333718, '592 Bartillon Place');

insert into Clients (idClient, Name, PNC, Address) values (6, 'Roger Perry',1951227355207, '141 Gateway Trail');

insert into Clients (idClient, Name, PNC, Address) values (7, 'Nicholas Evans',1551222388854, '4360 Starling Alley');

insert into Clients (idClient, Name, PNC, Address) values (8, 'Emily Sullivan',2951217330733, '5042 Maple Wood Point');

insert into Clients (idClient, Name, PNC, Address) values (9, 'Nancy Williamson',2910929341996, '3242 Leroy Way');

insert into Clients (idClient, Name, PNC, Address) values (10, 'Pamela Ray',2931107374586, '4 Saint Paul Circle');

insert into Accounts (idAccount, ClientFK, Type, Amount, Date) values (1, 1, 'Spending', 6832, '5/10/2016');

insert into Accounts (idAccount, ClientFK, Type, Amount, Date) values (2, 2, 'Saving', 3496, '11/2/2016');

insert into Accounts (idAccount, ClientFK, Type, Amount, Date) values (3, 3, 'Saving', 2553, '10/20/2016');

insert into Accounts (idAccount, ClientFK, Type, Amount, Date) values (4, 4, 'Saving', 7857, '8/17/2016');

insert into Accounts (idAccount, ClientFK, Type, Amount, Date) values (5, 5, 'Spending', 6429, '6/14/2016');

insert into Accounts (idAccount, ClientFK, Type, Amount, Date) values (6, 6, 'Spending', 6139, '1/2/2017');

insert into Accounts (idAccount, ClientFK, Type, Amount, Date) values (7, 7, 'Saving', 7881, '7/22/2016');

insert into Accounts (idAccount, ClientFK, Type, Amount, Date) values (8, 8, 'Spending', 2401, '6/5/2016');

insert into Accounts (idAccount, ClientFK, Type, Amount, Date) values (9, 9, 'Saving', 8552, '8/16/2016');

insert into Accounts (idAccount, ClientFK, Type, Amount, Date) values (10, 10, 'Spending', 9587, '2/20/2017');

insert into Employees (idEmployee, Name, Username, Password, Admin) values (1, 'Ronald Carroll', 'rcarroll0', 'fxAiiPyRMjuT', 1);

insert into Employees (idEmployee, Name, Username, Password, Admin) values (2, 'Lawrence Cruz', 'lcruz1', 'ieDR7Uu', 0);

insert into Employees (idEmployee, Name, Username, Password, Admin) values (3, 'Kathleen Dean', 'kdean2', 'b6FWlcst', 0);

insert into Employees (idEmployee, Name, Username, Password, Admin) values (4, 'Kimberly Montgomery', 'kmontgomery3', 'ZiRX9GIFe2', 0);

insert into Employees (idEmployee, Name, Username, Password, Admin) values (5, 'Lisa Ramirez', 'lramirez4', 'UG079v', 1);

insert into Employees (idEmployee, Name, Username, Password, Admin) values (6, 'Scott Kelley', 'skelley5', 'jGICBfuBx5', 1);

insert into Employees (idEmployee, Name, Username, Password, Admin) values (7, 'Susan Olson', 'solson6', 'jOTEFk8GCM', 0);

insert into Employees (idEmployee, Name, Username, Password, Admin) values (8, 'Russell Gordon', 'rgordon7', 'mivk0A', 1);

insert into Employees (idEmployee, Name, Username, Password, Admin) values (9, 'Gloria Armstrong', 'garmstrong8', 'KsS9orUo', 0);

insert into Employees (idEmployee, Name, Username, Password, Admin) values (10, 'Ruth Bishop', 'rbishop9', 'f6ZwLF5zid', 1);