1) Create "YugoNationalBank" Database
2) Create "Customers" Table according to Figure 1

CustomerID	AccountNumb...	AccountTypeID	CustomerName	Address	City	State	ZIPCode	Country	HomePhone
1	28-3782-84	1	James Carlton Brokeridge	1022 Arlington Rd	Arlington	VA	20164	USA	(703) 645-1492
2	92-3782-43	2	Chrissy Arlene McMahon	845 Arcadia Ave. #1512	Rockville	MD	20872	USA	(301) 684-2828
3	38-4227-52	3	James Norris	1277 Cecil Maurice Av.	Chevy Chase	MD	20870	USA	(301) 768-4024
4	68-6434-56	1	Eldridge Powers	273 S. Independence Ave.	Alexandria	VA	20185	USA	(703) 622-7188
5	83-4654-77	2	Hobert Umbro Spampinato	8254 12th St. N.E.	Washington	DC	20008	USA	(202) 927-1040
6	47-4783-25	3	Gloria Aline Wright	15328 Crystal St.	Hyattsville	MD	20782	USA	(301) 723-5656
7	82-3763-24	1	Liliana Wellie Ortez	4445 Blue Oak St. #6A	Chevy Chase	MD	20875	USA	(301) 821-4990
8	72-3474-24	2	Ornella Maiwand	2888 Gwett Richards Av.	Rockville	MD	20815	USA	(301) 478-8244
9	34-5458-49	3	Leonel James Harbor	308 Capitol Blvd	Washington	DC	20010	USA	(202) 439-2864
10	29-4586-42	1	Albert Sonny Odonnell	12 16th St. S. W.	Washington	DC	20004	USA	(301) 812-4442

Figure 1

3) Insert values to the Customers table

INSERT INTO Customers
VALUES(0,'28-3782-84', 1, 'James Carlton Brokeridge', '1022 Arlington Rd', 'Arlington', 'VA', '20164', 'USA', '(703) 645-1492');
INSERT INTO Customers
VALUES(0,'92-3782-43', 2, 'Chrissy Arlene McMahon', '845 Arcadia Ave. #1512', 'Rockville', 'MD', '20872', 'USA', '(301) 684-2828');
INSERT INTO Customers
VALUES(0,'38-4227-52', 3, 'James Norris', '1277 Cecil Maurice Av.', 'Chevy Chase', 'MD', '20870', 'USA', '(301) 768-4024');
INSERT INTO Customers
VALUES(0,'68-6434-56', 1, 'Eldridge Powers', '273 S. Independence Ave.', 'Alexandria', 'VA', '20185', 'USA', '(703) 622-7188');
INSERT INTO Customers
VALUES(0,'83-4654-77', 2, 'Hobert Umbro Spampinato', '8254 12th St. N.E.', 'Washington', 'DC', '20008', 'USA', '(202) 927-1040');
INSERT INTO Customers
VALUES(0,'47-4783-25', 3, 'Gloria Aline Wright', '15328 Crystal St.', 'Hyattsville', 'MD', '20782', 'USA', '(301) 723-5656');
INSERT INTO Customers
VALUES(0,'82-3763-24', 1, 'Liliana Wellie Ortez', '4445 Blue Oak St. #6A', 'Chevy Chase', 'MD', '20875', 'USA', '(301) 821-4990');
INSERT INTO Customers
VALUES(0,'72-3474-24', 2, 'Ornella Maiwand', '2888 Gwett Richards Av.', 'Rockville', 'MD', '20815', 'USA', '(301) 478-8244');
INSERT INTO Customers
VALUES(0,'34-5458-49', 3, 'Leonel James Harbor', '308 Capitol Blvd', 'Washington', 'DC', '20010', 'USA', '(202) 439-2864');
INSERT INTO Customers
VALUES(0,'29-4586-42', 1, 'Albert Sonny Odonnell', '12 16th St. S. W.', 'Washington', 'DC', '20004', 'USA', '(301) 812-4442');
INSERT INTO Customers
VALUES(0,'68-3465-86', 2, 'Howie Horace Fallace', '9337 Cachet St', 'Arlington', 'VA', '20140', 'USA', '(703) 554-8724');
INSERT INTO Customers
VALUES(0,'40-4658-63', 3, 'Mellinda Bridges', '1336 Philadelphia St.', 'Takoma Park', 'MD', '20908', 'USA', '(301) 812-4428');
INSERT INTO Customers
VALUES(0,'56-8468-59', 1, 'Barry Parrang', '58 North Assault St.', 'Chantilly', 'VA',   '20102', 'USA', '(703) 622-6460');
INSERT INTO Customers
VALUES(0,'94-7785-34', 2, 'Ismail Zorbah', '8252 Eleven Sons Rd', 'Arlington', 'VA', '20150', 'USA', '(703) 681-9022');
INSERT INTO Customers
VALUES(0,'37-5764-86', 3, 'Xavier Lenny Hereford', '992 White Horse Rd', 'Bethesda', 'MD', '20875', 'USA', '(301) 631-8228');
INSERT INTO Customers
VALUES(0,'34-9754-71', 1, 'Marthe Helene Bradley', '13622 Washington Blvd', 'Laurel', 'MD', '20707', 'USA', '(301) 478-6602');
INSERT INTO Customers
VALUES(0,'72-9375-48', 2, 'Jabouni Cabasco Toussey', '2991 Justine Ave.', 'Silver Spring', 'MD', '20912', 'USA', '(301) 872-8272');
INSERT INTO Customers
VALUES(0,'37-5490-64', 3, 'Cherrine Leonie Horvath', '720 Oak Tree Rd.', 'Laurel', 'MD', '20707', 'USA', '(301) 549-0002');
INSERT INTO Customers
VALUES(0,'20-3454-96', 1, 'Ophellie Wyman', '104 G St. S. E.', 'Washington', 'DC', '20005', 'USA', '(202) 622-8674');
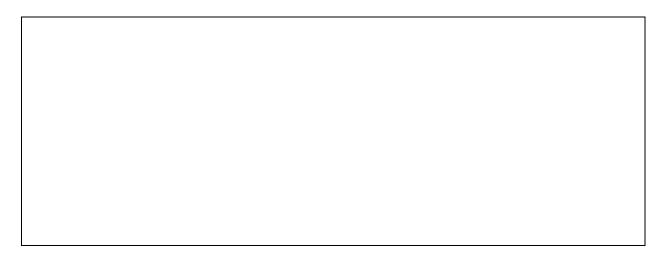INSERT INTO Customers

VALUES(0,'76-5475-43', 2, 'Joseph Patrick Honey', '3832 Great River Rd', 'Vienna', 'VA', '20171', 'USA', '(703) 350-2006');
INSERT INTO Customers
VALUES(0,'27-3457-49', 3, 'Robert Daniel Luner', '802 Lilas Ave', 'Baltimore', 'MD', '21208', 'USA', '(410) 321-6730');

4) Execute the given sql file (lecture10_yugoBank_practice.sql)
5) Set a foreign key for 'Customers' table
6) Show the SQL statements

6.1) Find total deposit, total withdraw, and total difference for each customer

CustomerID	CustomerName	Total_Deposit	Total_Withdraw	Difference
1	James Carlton Brokeridge	900	760	140
2	Chrissy Arlene McMahon	740	100	640
3	James Norris	125	100	25
4	Eldridge Powers	1500	260	1240
5	Hobert Umbro Spampinato	1350	200	1150
6	Gloria Aline Wright	1000	100	900
7	Liliana Wellie Ortez	250	NULL	NULL
8	Ornella Maiwand	1900	600	1300
9	Leonel James Harbor	3200	NULL	NULL

Ans (6.1).

6.2) Count the number of transactions from both withdraw and deposit from each employee

EmployeeID	FirstName	No_Deposits	No_Withdrawals	Total_Trans
1	Matt	1	2	3
2	Catherine	1	2	3
3	Leonie	2	2	4
4	Sylvie	1	2	3
5	Andy	1	1	2
6	Lienev	1	1	2
7	Paulin	1	NULL	NULL
8	Plant	1	NULL	NULL
10	Abedi	1	NULL	NULL
12	Kirsten	1	NULL	NULL

Ans (6.2)

6.3) Show the number of the customers from each state

State	Tol_Customer
MD	11
VA	6
DC	4

Ans (6.3)

6.4) Show the list of customers who have the Lastname beginning with 'H'

CustomerName
Leonel James Harbor
Xavier Lenny Hereford
Cherrine Leonie Horvath
Joseph Patrick Honey

Ans (6.4)