RDBMS: 30 Marks

Q1. Write SQL Query to create following tables [DO NOT CREATE PRIMARY / FOREIGN KEYS ]

Customer: CustomerId, Fullname, address, city, pan number

Account: accountNo, accType, balance, customerId

create table Customer (CustomerId varchar(5),

Fullname varchar (30),

address varchar (20),

city varchar (10),

pan\_number varchar (10)

);

Table ACCOUNT created.

create table Account (accountNo varchar(5),

accType varchar (30),

address varchar (20),

balance float (10),

customerId varchar (5)

);

Table ACCOUNT created.

Q2. Write SQL to insert following records in Customer & Account tables:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| C1002 | Rajiv Bhatia | Xyz Path, Chandni chowk | Delhi | AXNSS 1234 A |
| C1003 | Alia Bhatt | Khar | Mumbai | SZAXS 5656 B |
| C1004 | Vijay Deol | Bandra | Mumbai | APOI 5675 A |
| C1005 | Ajay Deol | Bandra | Mumbai | AUIO 7676 K |

|  |  |  |  |
| --- | --- | --- | --- |
| SB122666 | Savings | 67000 | C1002 |
| CB565556 | Current | 786928.98 | C1002 |
| SB876565 | Savings | 547899.90 | C1004 |
| SB565722 | Savings | 67600 | C1003 |
| SB757676 | Savings | 66197.88 | C1003 |
| SB166778 | Current | 16000 | C1008 |

insert into Customer Values ('C1002','Rajiv Bhatia','Xyz Path, Chandni chowk','Delhi','AXNSS 1234 A');

insert into Customer Values ('C1003','Alia Bhatt','Khar','Mumbai','SZAXS 5656 B');

insert into Customer Values ('C1004','Vijay Deol','Bandra','Mumbai','APOI 5675 A');

insert into Account Values ('SB122666','Savings','67000','C1002');

insert into Account Values ('CB5655566','Current','786928.98','C1002');

insert into Account Values ('SB876565','Savings','547899.90','C1004');

insert into Account Values ('SB565722','Savings','67600','C1003');

insert into Account Values ('SB757676','Savings','66197.88','C1003');

insert into Account Values ('SB166778','Current','16000','C1008');

Commit;

Q3. Write a Left Join to get all customers and accounts. Join should display all customers [Even those who DO NOT have any account].

select \* from Customer left join Account using (CUSTOMERID);

