**DDL**

1. Create the Customer table with the following

|  |  |  |
| --- | --- | --- |
| CustomerId | Number(5) | Primary Key |
| Cust\_Name | varchar2(20) | Not null |
| Address1 | Varchar2(30) |  |
| Address2 | Varchar2(30) |  |

Modify the Customer table Cust\_Name column of datatype with Varchar2(30)

1. a) Add the following Columns to the Customer table.

Gender Varchar2(1)

Age Number(3)

PhoneNo Number(10)

Email varchar2(30)

1. Drop the E\_mail column from Customer table.
2. Create the AccountsMaster table with the following Columns. Use sequence to generate Account number

AccountNumber Number(10,2) Primary key(Name of constraint is Acc\_PK)

Customerld Number(5) reference customer table

AccountType Char(3)

LedgerBalance Number(10,2) Not Null

1. Modify the AccountMaster table with the Check constraint to ensure AccountType should be either NRI or IND.
2. Modify the AccountsMaster table keeping a Check constraint with the name Balance\_Check for the Minimum Balance which should be greater than 5000.
3. Create a sequence seq\_Customer which start with 1000

DML

1. Insert the below records in the customer table using the seq\_customer:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CustomerId | Cust\_Name | Address1 | Address2 | Gender | Age | Phoneno |
| 1000 | Smith | 46,Lane 1 | New York | M | 35 | 7890893433 |
| 1001 | Jack | 89,Lane 9 | Washington | M | 39 | 6690233433 |
| 1002 | Mary | 78,Lane 5 | Chicago | F | 32 | 8990893433 |
| 1003 | James | 46,Lane 8 | New York | M | 42 | 6690893123 |

|  |  |  |  |
| --- | --- | --- | --- |
| AccountNumber | Customerld | AccountType | LedgerBalance |
| 2001 | 1003 | NRI | 5000 |
| 2002 | 1001 | IND | 7000 |
| 2003 | 1000 | IND | 9000 |
| 2004 | 1002 | NRI | 4000 |

1. Insert the below records in the AccountMaster table:
2. Update the ledgerbalance of accountnumber 2004 to 8000.
3. Modify the accounttype of 2004 accountnumber to IND.
4. Delete the record of 2004 accountnumber.

Select Query

1. Display all Account details from accountmaster table.
2. Display account details of accounts having ledgerbalance more than 5000.
3. Display all “NRI” account details.
4. Display customernames from “New York” city.

Joins and Subquery

1. Display the Customer names and ledgebalance of all “IND” accounts.
2. Display the ledgrBalance of male customer.
3. Display the account details of customers less than 40 age.