Assignment 1

1) Create the following tables with appropriate constraints using SQL comands Commands

A) Table name: Member

Collum Name	Datatype	Description
Member_Id	Number (5)	Unique member ID
Member_Name	Varchar2(30)	Name of literary member
Member_adress	Varchar2(50)	Adress of member
ACC_open_date	Date	Date of membership
Membership_type	varchar 2(20)	Type of membership Such as 'lifetime', 'yearly', 'half yearly', 'Quaterly'
~~Fees_paid~~	~~No~~	
Fees_Paid	Number (4)	Membership fees Paid
max_books Allowed	Number (2)	Total no of books that can be issued to the member
Penalty_Amount	number (7, 2)	Penalty amount due

Constraint:

ⓐ Member_Id — Primary key

ⓑ Member_Name — Not Null

ⓒ Membership_type — 'lifetime', 'Annual', 'Quaterly', 'Half yearly'

ⓓ Max_books_allowed < 7

ⓔ Penalty_amt maximum 1000

Queary:

Create table Member (Member_id Number (5), Member_Name
varchar2(30), Member_Adress varchar2(30),
ACC_open_date date, Membership_
type varchar 2 (20), Fees paid Number(4),
max_books_allowed number (2),
Penalty_amount number (7,2));

Output:

Table created.

Queary:

Insert INTO MEMBER VALUES (001, 'Agnik Roy', 'xyz road',
date '2017-05-09', 'lifetime',
7661, 5, 100);

Output

1 row(s) inserted.

Queary

INSERT INTO MEMBER VALUES (002, 'Jhon', 'xy road',
date '2017-05-02', 'yearly',
3661, 2, 0);

output

1 row(s) inserted

MEMBER_ID	MEMBER_NAME	MEMBER_ADRESS	ACC_OPEN_DATE	Membership Type	FEES_PAID	MAX_books_Allowed	PENALTY_Am
1	Agnik Roy	xyz road	01-May-17	lifetime	766 1	5	100
2	Jhon	xy road	02-May-17	Yearly	366 1	2	0
3	Rahul	xy road Quater-Jy	09-Feb-17		66 1	5	200

Queary:

I.

Insert INTO MEMBERS VALUES (003, 'Rahul', 'yzroad', date '2017-02-09', 'Quat -erly', 661, 5, 200);

Output

1 row(s) inserted.

Queary-

Select * from MEMBER;

Output:

(output is in the white page)

Queary:

ALTER ~~MEMBER~~ TABLE MEMBER ADD CONSTRAINT GG Primary key (MEMBER_ID);

Output

Table altered

Queary

ALTER TABLE MEMBER MODIFY MEMBER_NAME NOT NULL;

Output

Table Altered

Queary :

Truncate Table Members;

Output

Table Truncated

Queary

ALTER TABLE MEMBER ADD CONSTRAINT MEMBER_TYPE
CHECK (MEMBERSHIP_TYPE IN ('lifetime', 'Annual', 'Half-year
-ly', 'Quaterly'));

Output

Table Altered

Queary

Alter Table Member ADD Constraint MAX_BOOKS_ALLOWED
CHECK (MAX_BOOK_AllowED <7);

output

Table Altered.