#**Table create----------------**

A.CREATE TABLE MEMBER(Member\_id number(10) NOT NULL,

Last\_name VARCHAR2(25) NOT NULL,

First\_name VARCHAR2(25),

Address VARCHAR2(100),

City VARCHAR2(30),

Phone VARCHAR2(15),

Join\_date DATE default sysdate);

B.CREATE TABLE TITLE(Title\_id number(10) NOT NULL,

Title VARCHAR2(60) NOT NULL,

Description VARCHAR2(400),

Rating VARCHAR2(4) CHECK (Rating In ('G','PG','R','NC17','HR'),

Category VARCHAR2(20) CHECK (Category In ('DRAMA','COMEDY','ACTION','CHILD','SCIFI','DOCUMEN','TARY'),

Release\_date DATE);

C.CREATE TABLE TITLE\_COPY(Copy\_id number(10) NOT NULL,

Title\_id number(10) NOT NULL,

Status VARCHAR2(15)CHECK (Status In ('AVAILABLE','DESTROYED','RENTED','RESERVED'));

D.CREATE TABLE RENTAL(Book\_date Date default SYSDATE,

Member\_id number (10),

Copy\_id number (10),

Act\_Ret\_Date DATE,

Exp\_Ret\_Date DATE default SYSDATE+2,

Title\_id number (10));

E.CREATE TABLE RESERVATION(RES\_DATE DATE,

Member\_id Number(10),

Title\_id Number(10));

**primary key add:----------------**

1.a ALTER TABLE MEMBER

ADD constraints Member\_id\_pk primary key (Member\_id );

2b.ALTER TABLE TITLE

ADD constraints Title\_id\_pk primary key (Title\_id);

3c.ALTER TABLE TITLE\_COPY

ADD constraints pk1 primary key (Copy\_id,Title\_id);

4d.ALTER TABLE RENTAL

ADD constraints pk2 primary key (Book\_date,Member\_id,Copy\_id,Title\_id);

5e..ALTER TABLE RESERVATION

ADD constraints Reserve primary key (RES\_DATE,Member\_id,Title\_id);

**foreign key add**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c.ALTER TABLE TITLE\_COPY

add constraints Title\_id\_fk foreign key( Title\_id)

References TITLE(Title\_id);

d.ALTER TABLE RENTAL

add constraints rental\_Copy\_id\_Title\_id\_fk foreign key( Copy\_id,Title\_id)

References TITLE\_COPY(Copy\_id,Title\_id);

d.ALTER TABLE RENTAL

add constraints rental\_Member\_id\_fk foreign key( Member\_id)

References MEMBER(Member\_id);

e.ALTER TABLE RESERVATION

add constraints Member\_id\_fk foreign key( Member\_id)

References MEMBER(Member\_id);

e.ALTER TABLE RESERVATION

add constraints reser\_Title\_id\_fk foreign key(Title\_id )

References TITLE(Title\_id);

3.**sequence create**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CREATE SEQUENCE MEMBER\_ID\_SEQ

INCREMENT BY 10

START WITH 101;

CREATE SEQUENCE TITLE\_ID\_SEQ

INCREMENT BY 10

START WITH 92;

4.**data insert\_\_\_\_\_\_\_\_\_\_\_\_\_**

INSERT INTO TITLE(Title\_id,Title,Release\_date )

VALUES (2,'Alien Again','24-apr-1980');