**Assignment 2**

create table Member

(

Member\_Id number(5),

Member\_Name varchar2(30),

Member\_address varchar2(50),

Acc\_Open\_Date date,

Membership\_Type varchar2(20),

Fees\_Paid number(4),

Max\_Books\_Allowed number(2),

Penalty\_Amount number(7,2)

);

create table Books

(

Book\_No number(6),

Book\_Name varchar2(30),

Author\_Name varchar2(30),

Cost number(7,2),

Category char(10)

);

create table Issue

(

Lib\_Isuue\_Id number(10),

Book\_No number(6),

Member\_Id number(5),

Issue\_Date date,

Return\_Date date

);

insert into Books values(12345,'Legend','Loni',700,'Fic');

insert into Books values(12346,'Zorro','Ronny',800,'Act');

insert into Books values(12345,'LegendII','Loni',400,'Rom');

insert into Books values(12345,'LegendIII','Loni',350,'Sci');

insert into Issue values(001,302,1101,'11-OCT-2018','17-OCT-2018');

insert into Issue values(002,303,1102,'12-OCT-2018','16-OCT-2018');

insert into Issue values(003,304,1103,'12-OCT-2018','15-OCT-2018');

insert into Issue values(004,305,1104,'13-OCT-2018','18-OCT-2018');

insert into Issue values(7005,304,1103,'12-OCT-2018','');

insert into Issue values(7006,305,1104,'13-OCT-2018','');

insert into Issue values(7003,304,1103,'12-OCT-2018','');

insert into Issue values(7004,305,1104,'13-OCT-2018','');

desc books;

Select \* from books;

insert into books values(12367,'sorres','chetan',540,'database');

desc Member;

insert into Member values(1324,'abc','washington','12-jan-2015','p',456,7,500);

insert into Member values(1325,'pqr','newyork','14-jan-2015','p',550,6,700);

insert into Member values(1326,'kk','london','12-jan-2016','t',450,7,450);

update books set category='Database' where book\_name='sorres';

update issue set lib\_isuue\_id=101 where member\_id=1101;

insert into books values(12365,'SQL','vishal',480,'database');

insert into Member values(13240,'rablc','delhi','12-june-2015','p',45,8,600);

1. select \* from Books where Author\_Name='Loni' AND Cost<600;
2. select \* from Issue where Return\_date > '17-OCT-2018';
3. 3. update Issue set Return\_Date='19-OCT-2018' where Lib\_Isuue\_Id <> 7005 AND Lib\_Isuue\_Id <> 7006;

select \* from Issue;

1. update Issue set Return\_Date=' ' where Lib\_Isuue\_Id=7006;
2. Select \* from books where cost between 500 AND 750 and category='database';
3. Select \* from books where category in('Sci','Fic','database');
4. Select \* from Member order by penalty\_Amount desc;
5. Select \* from books order by category,cost desc;
6. Select \* from books where book\_name='SQL';
7. Select \* from Member where Member\_Name like 'r%l%';
8. select initcap(book\_name),Upper(author\_name) from books order by book\_name desc;
9. select to\_char(issue\_date,'day,month,dd,yy')as today from issue where lib\_isuue\_id=101;
10. select Book\_no,Book\_name,Author\_name,Cost,Category,

case

When category='Fic' then 'F'

When category='Act' then 'A'

When category='Rom' then 'R'

When category='Sci' then 'S'

When category='Database' then 'D'

else 'N'

end as book\_categories

from books;

1. select \* from member where acc\_open\_date between '01-JAN-2015' AND '31-DEC-2015';
2. select (return\_date - issue\_date) "Difference" from issue;
3. select \* from member order by acc\_open\_date
4. select count(lib\_issue\_id) from issue where member\_id = 101
5. select sum(penalty\_amount) from member
6. select count(member\_id) from member
7. select count(lib\_issue\_id) from issue
8. select avg(fees\_paid) from member
9. select (extract(month from return\_date) - extract(month from issue\_date)) as difference from issue
10. create view len\_mem as select member\_name,length(member\_name) as length from member

select \* from len\_mem

1. select member\_name,substr(membership\_type,1,5) as type from member
2. select issue\_date,last\_day(issue\_date) as last from issue