**Practical 4**

**Create**

create database ass4;

**Use DATABASE**

use ass4;

**Create table :-**

create table student(roll\_no int primary key,name char (20), address char(40), phone int(10),age int(2));

desc student;

**create children table :-**

insert into student values(1,'Harsh','delhi','1111111111',18);

insert into student values(2,'pratik','bihar','222222222',18);

insert into student values(3,'riyanka','siliguri','333333333',18);

insert into student values(4,'deep','ramnagar','444444444',18);

insert into student values(5,'saptarhi','kolkata','555555555',20);

insert into student values(6,'rohan','pune','666666666',18);

select \*from student;

**Create STUDENTS TABLE:-**

create table studentCourse(cid int(1), roll\_no int, foreign key(roll\_no)references student(roll\_no));

desc studentCourse;

insert into studentCourse values(1,1);

insert into studentCourse values(2,2);

insert into studentCourse values(2,3);

insert into studentCourse values(3,4);

insert into studentCourse values(1,5);

insert into studentCourse values(5,4);

insert into studentCourse values(6,6);

select \* from studentCourse;

select \* from student inner join studentCourse on student.roll\_no = studentCourse.roll\_no;

select \* from student left join studentCourse on student.roll\_no = studentCourse.roll\_no;

insert into student values(8,'rohit','pune','666666666',18);

select \* from student right join studentCourse on student.roll\_no = studentCourse.roll\_no;

select \* from student join studentCourse;

select \* from student;

select a.name, b.roll\_no from student a, student b where a.age<b.age ;

select a.name, b.roll\_no from student a, student b where a.age<b.age order by a.name;;

create view newView as select student.name,student.roll\_no,studentCourse.cid from student left join studentCourse on student.roll\_no = studentCourse.roll\_no;

select \* from newView;

select \* from student where roll\_no in

(select roll\_no from studentCourse);

select \* from student where roll\_no in (select roll\_no from studentCourse where student.age <20);