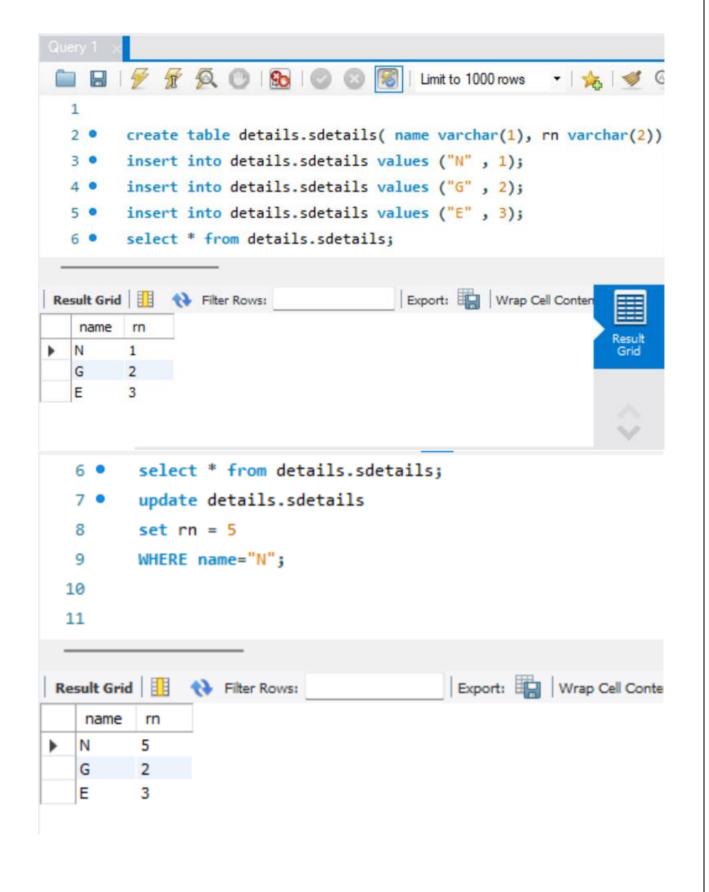
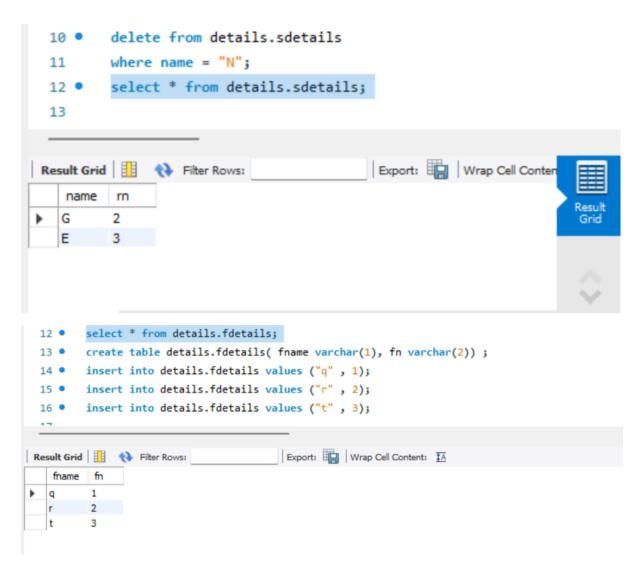
# Weak -2 Assignment

```
Code:
create table details.sdetails( name varchar(1), rn varchar(2));
insert into details.sdetails values ("N", 1);
insert into details.sdetails values ("G", 2);
insert into details.sdetails values ("E", 3);
select * from details.sdetails;
update details.sdetails
set rn = 5
WHERE name="N";
delete from details.sdetails
where name = "N";
select * from details.fdetails;
create table details.fdetails(fname varchar(1), fn varchar(2));
insert into details.fdetails values ("q", 1);
insert into details.fdetails values ("r", 2);
insert into details.fdetails values ("t", 3);
```





### **JOIN OPERATIONS:**

### Code:

### Inner join:

select fdetails.fn, fdetails.fname, sdetails.name, sdetails.rn from details.sdetails

inner join details.fdetails

initer John details. Idealis

on fdetails.fn = sdetails.rn;

# Left outer join:

select fdetails.fn, fdetails.fname, sdetails.name, sdetails.rn from details.sdetails

left join details.fdetails on fdetails.fn = sdetails.rn;

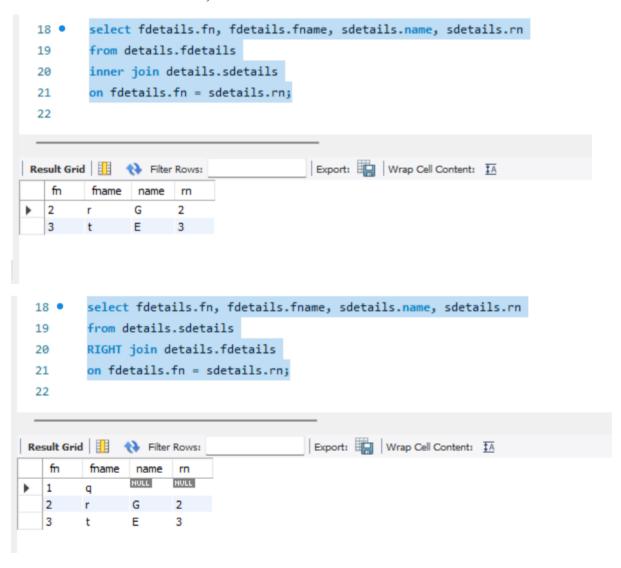
## Right outer join:

select fdetails.fn, fdetails.fname, sdetails.name, sdetails.rn

from details.sdetails

RIGHT join details.fdetails

on fdetails.fn = sdetails.rn;



## Mangodb code:

```
>_MONGOSH
> db.createCollection("Faculty");
< { ok: 1 }
> db.Faculty.insertOne({'Name':'Nikhil'}, {'ID':'20'});
< {
    acknowledged: true,
    insertedId: ObjectId("64737deef29d513e3dd01284")
> show collections;
< Faculty
> db.Faculty.insertOne({'Name':'Ganesh'}, {'ID':'21'});
< {
    acknowledged: true,
    insertedId: ObjectId("64737e3cf29d513e3dd01285")
> db.Faculty.insertOne({'Name':'Nikhil'}, {'ID':'20'});
< {
    acknowledged: true,
    insertedId: ObjectId("64737ea0f29d513e3dd01286")
> db.Faculty.updateOne({'Name':'Nikhil'}, {$set:{'ID':'22'}});
< {
    acknowledged: true,
    insertedId: null,
    matchedCount: 1,
    modifiedCount: 1,
    upsertedCount: 0
> db.Faculty.deleteOne({'Name':'Nikhil'});
< {
    acknowledged: true,
    deletedCount: 1
> show collections

    Faculty
```

Done by, P. Nikhil Sai – 20MIS7015