Week -2 Assignment

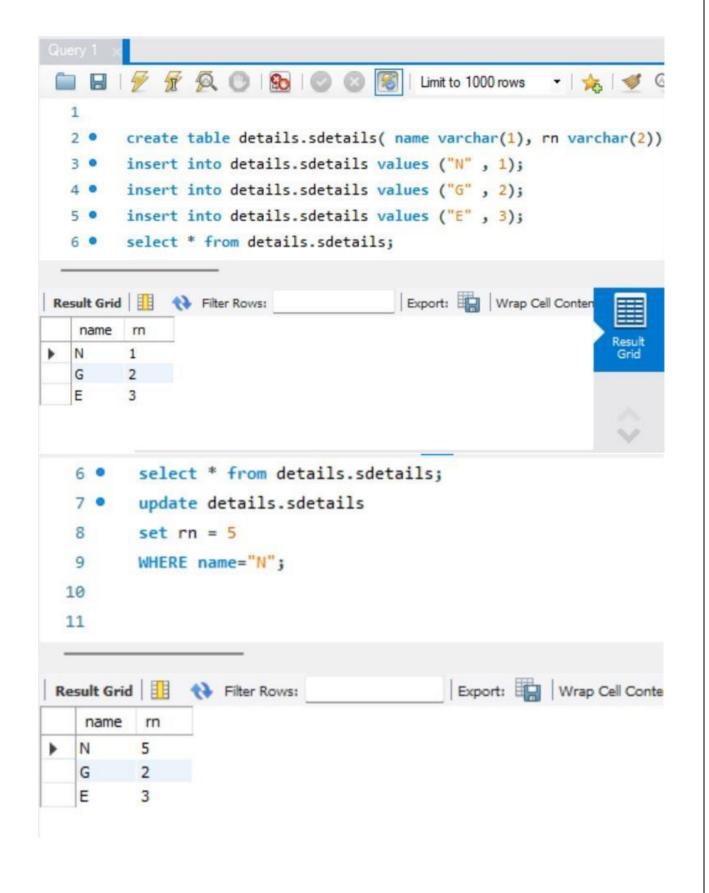
Done by;
K.Vamsi
20MIS7090

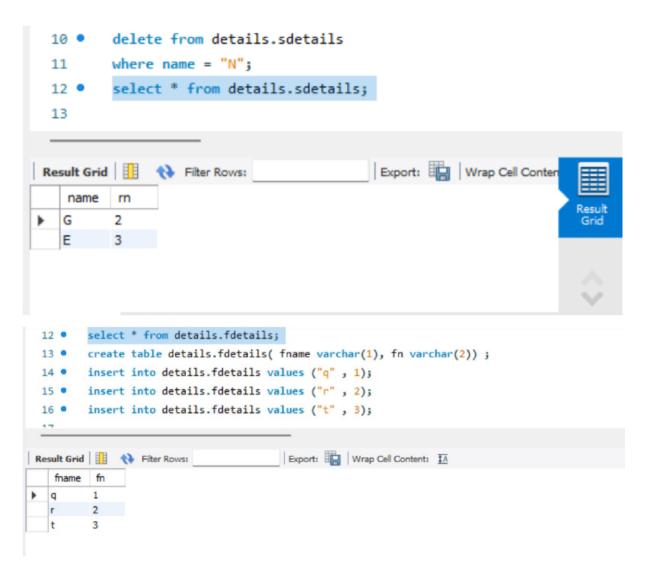
Code:

```
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:

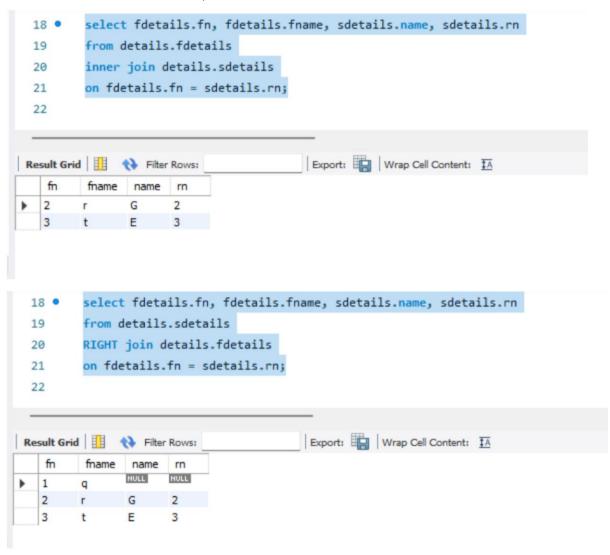
Inner join:

select fdetails.fn, fdetails.fname, sdetails.name, sdetails.rn from details.sdetails inner join details.fdetails on fdetails.fn = sdetails.rn;

<u>Left outer join:</u> select fdetails.fn, fdetails.fname, sdetails.name, sdetails.rn from details.sdetails left join details.fdetails on fdetails.fn = sdetails.rn;

<u>Right outer join:</u> 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
```