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);
```

Limit to 1000 rows

```
1
2 •     create table details.sdetails( name varchar(1), rn varchar(2))
3 •     insert into details.sdetails values ("N" , 1);
4 •     insert into details.sdetails values ("G" , 2);
5 •     insert into details.sdetails values ("E" , 3);
6 •     select * from details.sdetails;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Conten

Result Grid

name	rn
N	1
G	2
E	3

```
6 •     select * from details.sdetails;
7 •     update details.sdetails
8       set rn = 5
9       WHERE name="N";
10
11
```

Result Grid | Filter Rows: | Export: | Wrap Cell Conte

name	rn
N	5
G	2
E	3

```
10 •   delete from details.sdetails
11     where name = "N";
12 •   select * from details.sdetails;
13
```

Result Grid | Filter Rows: | Export: | Wrap Cell Conten | Result Grid

name	rn
G	2
E	3

```
12 •   select * from details.fdetails;
13 •   create table details.fdetails( fname varchar(1), fn varchar(2)) ;
14 •   insert into details.fdetails values ("q" , 1);
15 •   insert into details.fdetails values ("r" , 2);
16 •   insert into details.fdetails values ("t" , 3);
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

fname	fn
q	1
r	2
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;

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;

```
18 ●    select fdetails.fn, fdetails.fname, sdetails.name, sdetails.rn
19      from details.fdetails
20      inner join details.sdetails
21      on fdetails.fn = sdetails.rn;
22
```

	fn	fname	name	rn
▶	2	r	G	2
	3	t	E	3

```
18 ●    select fdetails.fn, fdetails.fname, sdetails.name, sdetails.rn
19      from details.sdetails
20      RIGHT join details.fdetails
21      on fdetails.fn = sdetails.rn;
22
```

	fn	fname	name	rn
▶	1	q	NULL	NULL
	2	r	G	2
	3	t	E	3

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