

## WEEK 2 ASSIGNMENT

NAME: SANJAY

REGNO: 20BCE0020

### 1. CREATE,UPDATE,DELETE COMMANDS IN MYSQL

#### CREATE

```
1 create table sample (empid integer(5),name varchar(10),age integer(2))
```

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.1369 seconds.)

```
create table sample (empid integer(5),name varchar(10),age integer(2));
```

```
1 desc sample
```

Field	Type	Null	Key	Default	Extra
empid	int(5)	YES		NULL	
name	varchar(10)	YES		NULL	
age	int(2)	YES		NULL	

#### INSERT

```
1 insert into sample values (125,'sanjay',20);
```

✓ 1 row inserted. (Query took 0.0008 seconds.)

```
insert into sample values (125,'sanjay',20);
```

✓ Showing rows 0 - 0 (1 total, Query took 0.0005 seconds.)

```
select * from sample;
```

empid	name	age
125	sanjay	20

## UPDATE

```
1 update sample set age=30 where empid=125
```

✓ 1 row affected. (Query took 0.0008 seconds.)

```
update sample set age=30 where empid=125;
```

empid	name	age
125	sanjay	30

## DELETE

```
DELETE FROM `sample` WHERE empid=125
```

✓ 1 row deleted. (Query took 0.0008 seconds.)

```
DELETE FROM `sample` WHERE empid=125;
```

## 2. JOIN COMMANDS IN MYSQL

empid	name	depid
111	luffy	1
222	zoro	2
333	sanji	3
444	franky	1
555	robin	2
666	brook	5

depid	deptname
1	accounts
2	finance
3	marketing
4	developers

### INNER JOIN

```
SELECT * FROM `employee` inner join `department` on employee.depid=department.depid
```

empid	name	depid	depid	deptname
111	luffy	1	1	accounts
222	zoro	2	2	finance
333	sanji	3	3	marketing
444	franky	1	1	accounts
555	robin	2	2	finance

### LEFT JOIN

```
SELECT * FROM `employee` LEFT join `department` on employee.depid=department.depid
```

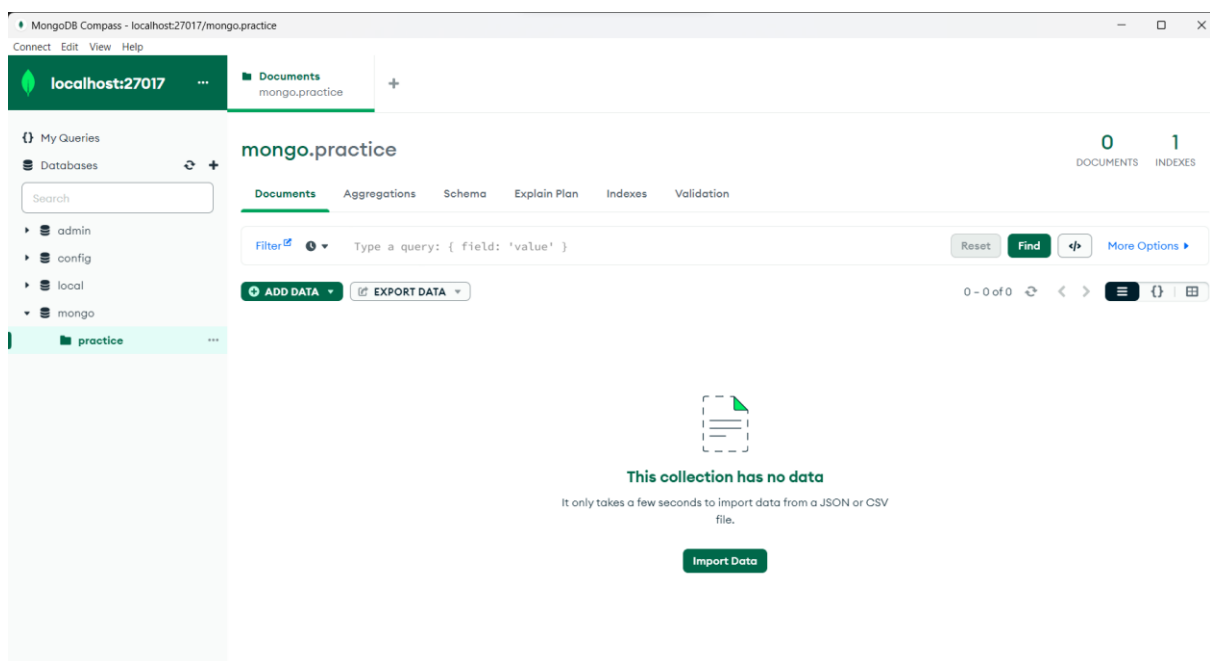
empid	name	depid	depid	deptname
111	luffy	1	1	accounts
444	franky	1	1	accounts
222	zoro	2	2	finance
555	robin	2	2	finance
333	sanji	3	3	marketing
666	brook	5	NULL	NULL

### RIGHT JOIN

```
SELECT * FROM `employee` RIGHT join `department` on employee.depid=department.depid
```

empid	name	depid	deptid	deptname
111	luffy	1	1	accounts
222	zoro	2	2	finance
333	sanji	3	3	marketing
444	franky	1	1	accounts
555	robin	2	2	finance
NULL	NULL	NULL	4	developers

### 3. CREATE,UPDATE,DELETE COMMANDS IN MONGODB



#### CREATE

```
> db.createCollection("assignment")  
< { ok: 1 }
```

#### INSERT

```
> db.assignment.insertOne({name: "luffy",role: "captain"})
< {
  acknowledged: true,
  insertedId: ObjectId("64734332b016d5242581def8")
}
```

```
db.assignment.insertMany([{name:"zoro",role: "swordsman"}, {name:"sanji",role:"cook"}])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId("647343f5b016d5242581def9"),
    '1': ObjectId("647343f5b016d5242581defa")
  }
}
```

## UPDATE

```
> db.assignment.updateOne({name:"luffy"},{$set:{role:"pirate king"}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

## DELETE

```
> db.assignment.deleteOne({name:"sanji"})
< {
  acknowledged: true,
  deletedCount: 1
}
```