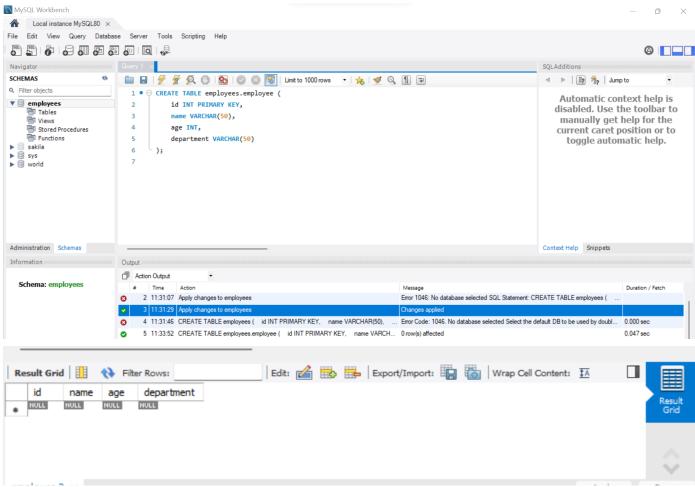
# Week-2-Assignment

# **Modern Application Development(Java Spring Boot)**

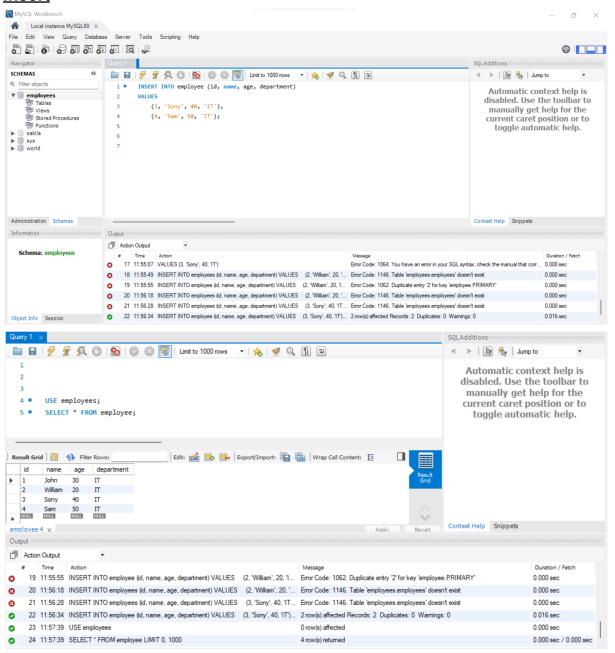
Adhav M 20BCE1743

1. Create, update, delete commands in mysql

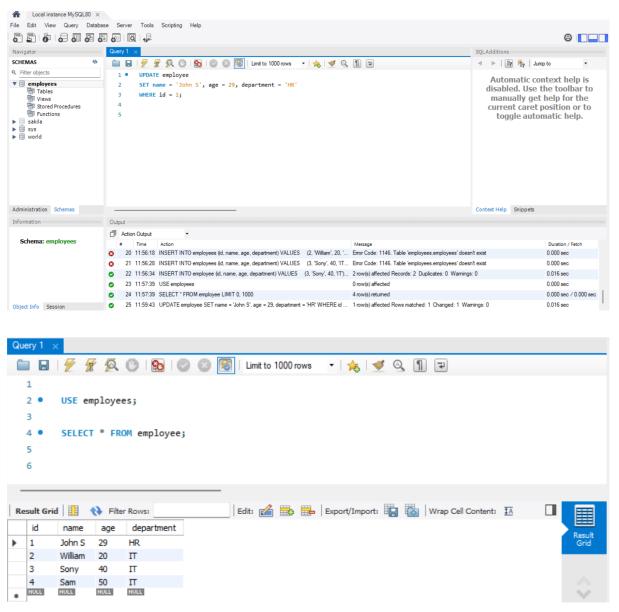
Create(employee table)



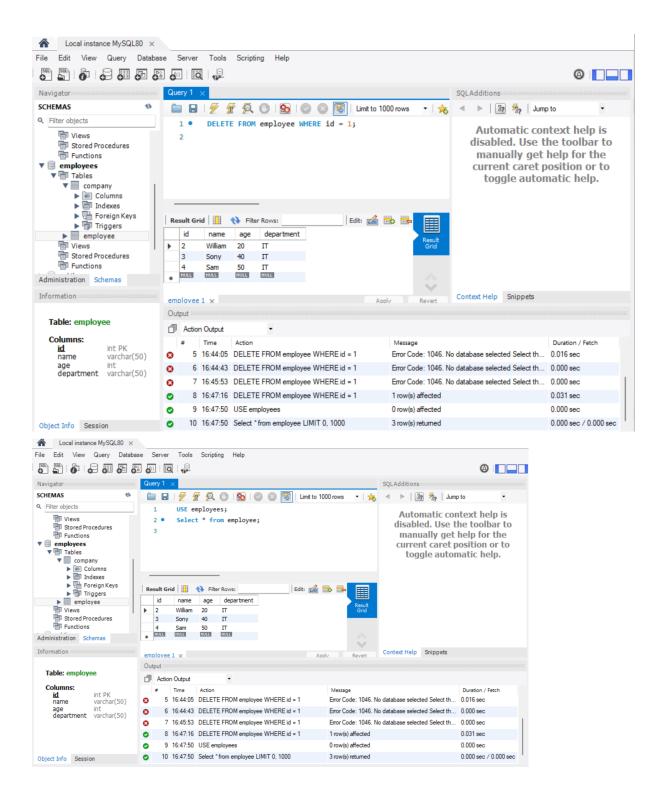
#### Insert



#### **Update**

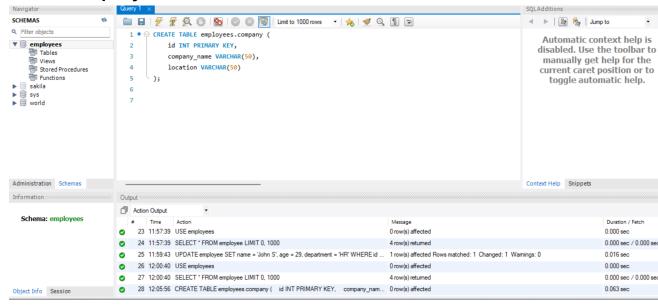


### **Delete**

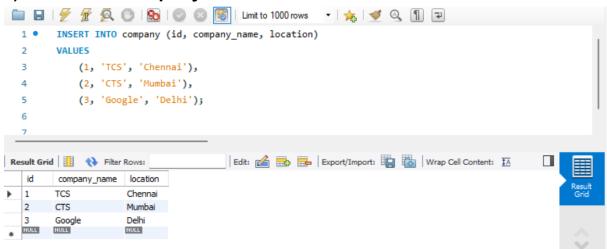


## 2. Create tables and perform joins in mysql

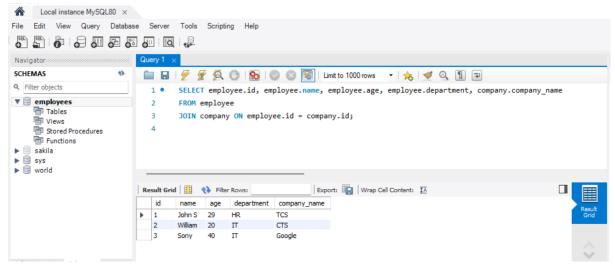
a) Create company table

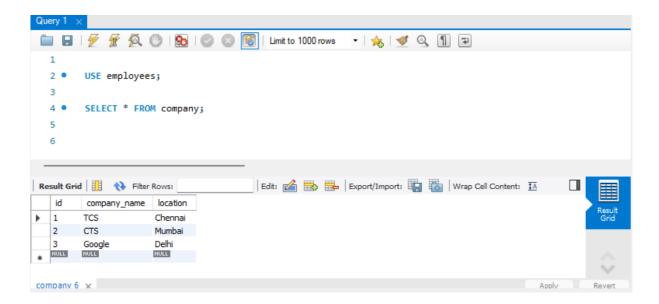


## b) Insert into company table



# c) join tables





## 3) Create, update, delete commands in mongo

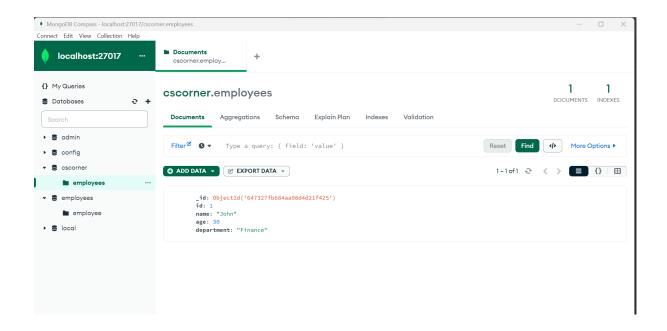
### a) create

### b) insertOne

```
cscorner> db.employees.insertOne({
    ... id:1,
    ... name:"John",
    ... age:30,
    ... department:"IT"
    ... });
{
    acknowledged: true,
    insertedId: ObjectId("647327fb684aa98d4d21f425")
}
```

c) updateOne

```
cscorner> db.employees.updateOne(
... {id:1},
... {$set: {department:"Finance"}}
... );
{
   acknowledged: true,
   insertedId: null,
   matchedCount: 1,
   modifiedCount: 1,
   upsertedCount: 0
}
```

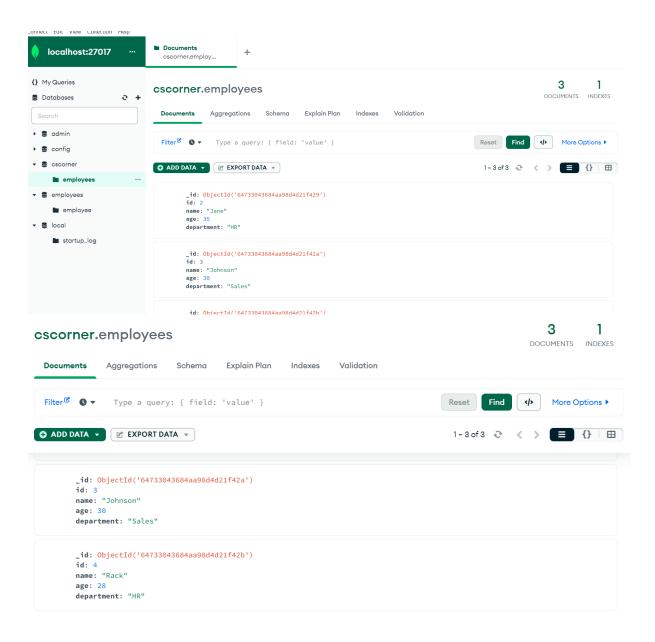


### deleteOne

```
cscorner> db.employees.deleteOne({id:1});
{ acknowledged: true, deletedCount: 1 }
cscorner> db.employees.find()
cscorner>
```

## insertMany()

```
cscorner> db.employees.insertMany([
    ... {id:2, name:"Jane", age:35,department:"HR"},
    ... {id:3, name:"Johnson",age:30 ,department:"Sales"},
    ... {id:4,name:"Rack",age:28,department:"HR"},
    ... ]);
{
    acknowledged: true,
    insertedIds: {
        '0': ObjectId("64733043684aa98d4d21f429"),
        '1': ObjectId("64733043684aa98d4d21f42a"),
        '2': ObjectId("64733043684aa98d4d21f42b")
}
}
```



## updateMany()

```
cscorner> db.employees.updateMany({department:"HR"},
... {$set:{age:31}}
...);
{
    acknowledged: true,
    insertedId: null,
    matchedCount: 2,
    modifiedCount: 2,
    upsertedCount: 0
}
cscorner>
```

```
3
                                                                                                                         1
cscorner.employees
                                                                                                          DOCUMENTS INDEXES

        Documents
        Aggregations
        Schema
        Explain Plan
        Indexes
        Validation

                                                                                       Reset Find ♠ More Options ▶
 Filter  

Type a query: { field: 'value' }
◆ ADD DATA ▼
                                                                                          1-3 of 3 € < > ■ {} □
         _id: ObjectId('64733043684aa98d4d21f429')
        id: 2
        name: "Jane"
        age: 31
        department: "HR"
        _id: ObjectId('64733043684aa98d4d21f42a')
        name: "Johnson"
        age: 30
        department: "Sales"
        id: ObjectId('64733043684aa98d4d21f42b')
      _id: ObjectId('64733043684aa98d4d21f42a')
      id: 3
      name: "Johnson"
      age: 30
      department: "Sales"
      _id: ObjectId('64733043684aa98d4d21f42b')
      id: 4
      name: "Rack"
      age: 31
      department: "HR"
```

# deleteMany()

cscorner> db.employees.deleteMany({department:"HR"});
{ acknowledged: true, deletedCount: 2 }
cscorner>

