Jasmine Agrawal
BDA LAB-2
IBM17CS134

1. Create Company database with the following
   (i) Employee
   (ii) Department

> db.createCollection("employee")
> db.createCollection("department")
> db.employee.insert ({id: 1 "Name": "Jasmine"
   department: 2, "age": 22 "num": ~~~ :9077088549})

> db.employee.insertOne ({id: 2, "Name": "John", department: 2
   age:20, num: 3299873)

> db.employee.InsertOne({id:2, "Name": "Nike",
   departmentNum:4, age:20, num: 234167,

   {-id:4 Name: "Mark", departmentNum: 5,
      age: 32, num: 367231433,

   {-id: 5, Name: "Rachel" department: 6
      age:30, num: 982467893]);

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```
>db.department.insert({_id:1, departmentName:"Cs",
      departmentNum: 3 });

>dp.department.insertOne({_id:2, departmentName:
   "Is", departmentNam : 6 });

>dp.department.insertmany([{_id:3, department
    Name: "ECE", departmentNum :7},

  {_id:4, departmentName: "ME", departmentNum:8}

  {_id:5, departmentName: "IME", departmentNum:8}]);
```

2) update
```
dp.employee.update({_id:1, Name: "Jasmine"},
     { $set: { "Experience": None"}},
     { upsert: true })
```

3) Remove
```
db.employee.update({_id:1, Name: Jasmine"}
     { $insert: { "Experience": "None" }},
     { upsert: true }
```

4) selectall:
```
db.employee.find({});
db.department.find({});
```

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5) db.employee.find({ departmentNum : { $g : 1000,
          "i" "1005" }, {Name : true,
          departmentNum : true });

6) db.employee.find({ "e" : { $g" : 30 }});

7) db.employee.find({Name : { $regex : "A"}});
```

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