MONGODB PROJECT

BASIC SECTION

Data set

```
{
_id:1,
 firstName: "Harshitha ",
lastName: "URS",
email: "Harshitha@abc.com",
salary: 5000,
skills: [ "Angular", "React", "MongoDB" ]
}
{
 _id:2,
firstName: "Sachin",
 lastName: "T",
email: "sachin.t@abc.com",
salary: 8000,
skills: [ "Accounting", "Tax" ]
}
{
_id:3,
 firstName: "Ajay",
 lastName: "kumar",
email: "Ajay@abc.com",
```

```
salary: 7500,

skills: [ "Sales", "Marketing" ]

}

{

 _id:4,

 firstName: "Hemanth",

lastName: "Gowda",

 email: "steve.j@abc.com",

salary: 7000,

skills: [ "Mac", "Marketing", "Product Design" ]

}

{

 _id:5,

firstName: "Kapil",

 lastName: "Sharma",

email: "kapil.d@abc.com",

salary: 4500,

skills: [ "Accounting", "Tax", "Sales" ]

}

{

 _id:6,

firstName: "Amitabh",

 lastName: "B",

email: "amitabh.b@abc.com",

salary: 7000,

skills: [ "Marketing", "Tax" ]

}
```

```
>use basic
>db.employees.insertMany([
 {
  _id: 1,
  firstName: "Harshitha",
  lastName: "URS",
  email: "Harshitha@abc.com",
  salary: 5000,
  skills: ["Angular", "React", "MongoDB"]
 },
 {
  _id: 2,
  firstName: "Sachin",
  lastName: "T",
  email: "sachin.t@abc.com",
  salary: 8000,
  skills: ["Accounting", "Tax"]
 },
 {
  _id: 3,
  firstName: "Ajay",
  lastName: "kumar",
  email: "Ajay@abc.com",
  salary: 7500,
  skills: ["Sales", "Marketing"]
 },
 {
```

```
    _id: 4,

    firstName: "Hemanth",

    lastName: "Gowda",

    email: "steve.j@abc.com",

    salary: 7000,

    skills: ["Mac", "Marketing", "Product Design"]

  },

  {

    _id: 5,

    firstName: "Kapil",

    lastName: "Sharma",

    email: "kapil.d@abc.com",

    salary: 4500,

    skills: ["Accounting", "Tax", "Sales"]

  },

  {

    _id: 6,

    firstName: "Amitabh",

    lastName: "B",

    email: "amitabh.b@abc.com",

    salary: 7000,

    skills: ["Marketing", "Tax"]

  }

]);
```

1) Query to Update Whose Salary=7000 To Salary=8500
   >db.employees.updateMany({ salary: 7000 }, { $set: { salary: 8500 } });

2) Query to Update Location='Mumbai' Whose Firstname is Amitabh
   >db.employees.updateOne({ firstName: "Amitabh" }, { $set: { location: "Mumbai" } });

3) Query to Increment Salary By 5000 If Salary>=4500

>db.employees.updateMany({ salary: { $gte: 4500 } }, { $inc: { salary: 5000 } });

```
                                                     {} Playground Result ×
● Connected to localhost:27017                        1   {
1   use ('basic');                                    2     "acknowledged": true,
2   db.employees.updateMany({ salary: { $gte: 4500 } }, {   3     "insertedId": null,
                                                      4     "matchedCount": 6,
                                                      5     "modifiedCount": 6,
                                                      6     "upsertedCount": 0
                                                      7   }
```
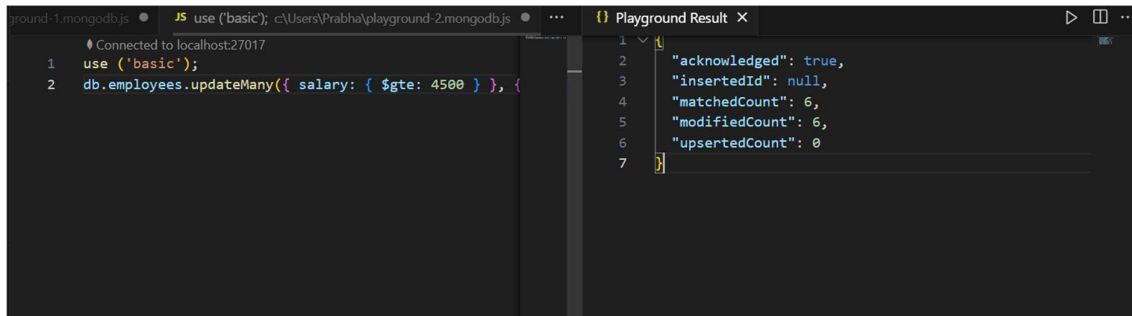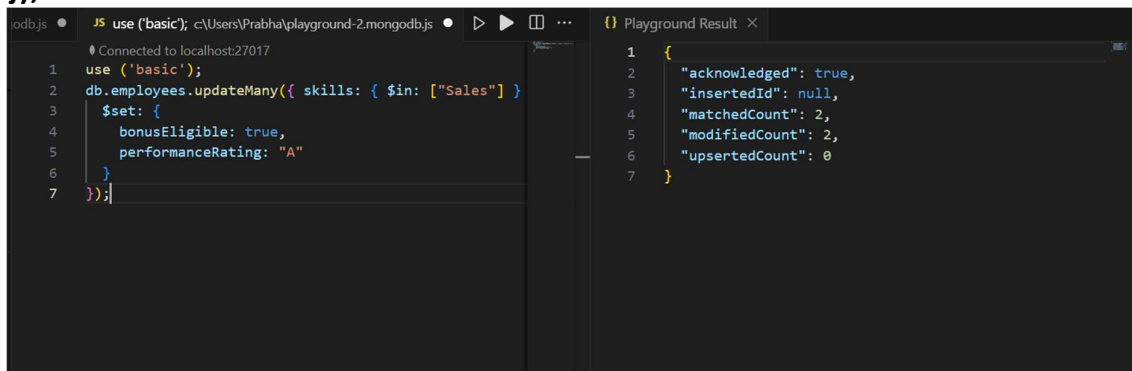
4) Query/Demonstrate Use of Updatemany to Update Multiple Fields

>db.employees.   updateMany({ skills: { $in: ["Sales"] } }, {
  $set: {
    bonusEligible: true,
    performanceRating: "A"
  }
});

```
                                                     {} Playground Result ×
● Connected to localhost:27017                        1   {
1   use ('basic');                                    2     "acknowledged": true,
2   db.employees.updateMany({ skills: { $in: ["Sales"] }   3     "insertedId": null,
3     $set: {                                         4     "matchedCount": 2,
4       bonusEligible: true,                          5     "modifiedCount": 2,
5       performanceRating: "A"                        6     "upsertedCount": 0
6     }                                               7   }
7   });
```