

```
mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.6.0
Microsoft Windows [Version 10.0.26200.7623]
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C:\Users\student\Downloads\mongosh-2.6.0-win32-x64\mongosh-2.6.0-win32-x64\bin>mongosh
Current Mongosh Log ID: 69855badba26f03c7b628c9f
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.6.0
Using MongoDB:      8.0.16
Using Mongosh:      2.6.0

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

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The server generated these startup warnings when booting
2026-02-02T08:42:32.993+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
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test> db
test
test> show dbs
Employee1 80.00 KiB
admin      40.00 KiB
config     60.00 KiB
local      88.00 KiB
myDB       72.00 KiB
test       80.00 KiB
test> use Employee
switched to db Employee
```

```
Employee> db.Employee_Info.insertMany([
...   {
...     Emp_Id: 121,
...     Emp_Name: "Anita",
...     Designation: "Manager",
...     Date_of_Joining: "2018-06-12",
...     Salary: 75000,
...     Dept_Name: "HR"
...   },
...   {
...     Emp_Id: 122,
...     Emp_Name: "Rahul",
...     Designation: "Developer",
...     Date_of_Joining: "2020-01-15",
...     Salary: 60000,
...     Dept_Name: "IT"
...   },
...   {
...     Emp_Id: 123,
...     Emp_Name: "Sneha",
...     Designation: "Analyst",
...     Date_of_Joining: "2019-03-20",
...     Salary: 55000,
...     Dept_Name: "Finance"
...   }
... ])
...
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('69855d07ba26f03c7b628ca0'),
    '1': ObjectId('69855d07ba26f03c7b628ca1'),
    '2': ObjectId('69855d07ba26f03c7b628ca2')
  }
}
```

```
Employee> db.Employee_Info.updateOne(
...   { Emp_Id: 121 },
...   {
...     $set: {
...       Emp_Name: "Anita Sharma",
...       Dept_Name: "Administration"
...     }
...   }
... )
... db.Employee_Info.updateOne(
...   { Emp_Id: 121 },
...   {
...     $set: {
...       Emp_Name: "Anita Sharma",
...       Dept_Name: "Administration"
...     }
...   }
... )
...
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 0,
  upsertedCount: 0
}
Employee> db.Employee_Info.find().sort({ Salary: 1 })
[
  {
    _id: ObjectId('69855d07ba26f03c7b628ca2'),
    Emp_Id: 123,
    Emp_Name: 'Sneha',
    Designation: 'Analyst',
    Date_of_Joining: '2019-03-20',
    Salary: 55000,
    Dept_Name: 'Finance'
  },
  {
    _id: ObjectId('69855d07ba26f03c7b628ca1'),
    Emp_Id: 122,
    Emp_Name: 'Rahul',
    Designation: 'Developer',
    Date_of_Joining: '2020-01-15',
    Salary: 60000,
    Dept_Name: 'IT'
  },
  {
    _id: ObjectId('69855d07ba26f03c7b628ca0'),
    Emp_Id: 121,
```

```
... db.Employee_Info.updateOne(
...   { Emp_Id: 121 },
...   {
...     $set: {
...       Emp_Name: "Anita Sharma",
...       Dept_Name: "Administration"
...     }
...   }
... )
...
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 0,
  upsertedCount: 0
}
Employee> db.Employee_Info.find().sort({ Salary: 1 })
[
  {
    _id: ObjectId('69855d07ba26f03c7b628ca2'),
    Emp_Id: 123,
    Emp_Name: 'Sneha',
    Designation: 'Analyst',
    Date_of_Joining: '2019-03-20',
    Salary: 55000,
    Dept_Name: 'Finance'
  },
  {
    _id: ObjectId('69855d07ba26f03c7b628ca1'),
    Emp_Id: 122,
    Emp_Name: 'Rahul',
    Designation: 'Developer',
    Date_of_Joining: '2020-01-15',
    Salary: 60000,
    Dept_Name: 'IT'
  },
  {
    _id: ObjectId('69855d07ba26f03c7b628ca0'),
    Emp_Id: 121,
    Emp_Name: 'Anita Sharma',
    Designation: 'Manager',
    Date_of_Joining: '2018-06-12',
    Salary: 75000,
    Dept_Name: 'Administration'
  }
]
```

```
[mongosh mongoDB://127.0.0.1:27017] + - Employee> db.Employee_Info.find().sort({ Salary: 1 })  
[  
  {  
    acknowledged: true,  
    insertedId: null,  
    matchedCount: 1,  
    modifiedCount: 0,  
    upsertedCount: 0  
  },  
  Employee> db.Employee_Info.find().sort({ Salary: 1 })  
[  
  {  
    _id: ObjectId('69855d07ba26f03c7b628ca2'),  
    Emp_Id: 123,  
    Emp_Name: 'Sneha',  
    Designation: 'Analyst',  
    Date_of_Joining: '2019-03-20',  
    Salary: 55000,  
    Dept_Name: 'Finance'  
  },  
  {  
    _id: ObjectId('69855d07ba26f03c7b628ca1'),  
    Emp_Id: 122,  
    Emp_Name: 'Rahul',  
    Designation: 'Developer',  
    Date_of_Joining: '2020-01-15',  
    Salary: 60000,  
    Dept_Name: 'IT'  
  },  
  {  
    _id: ObjectId('69855d07ba26f03c7b628ca0'),  
    Emp_Id: 121,  
    Emp_Name: 'Anita Sharma',  
    Designation: 'Manager',  
    Date_of_Joining: '2018-06-12',  
    Salary: 75000,  
    Dept_Name: 'Administration'  
  }  
]  
Employee> db.Employee_Info.updateOne(  
...   { Emp_Id: 121 },  
...   {  
...     $set: {  
...       Projects: ["Payroll System", "HR Automation"]  
...     }  
...   }  
... )  
...  
{  
  acknowledged: true,  
  insertedId: null,  
  matchedCount: 1,  
  modifiedCount: 1,
```

```
mongosh mongodb://127.0.0.1:27017 Employee> db.Employee_Info.insertOne({  
...   $set: {  
...     Projects: ["Payroll System", "HR Automation"]  
...   }  
... }  
... )  
... {  
  acknowledged: true,  
  insertedId: null,  
  matchedCount: 1,  
  modifiedCount: 1,  
  upsertedCount: 0  
}  
Employee> db.Employee_Info.find().pretty()  
[  
  {  
    _id: ObjectId('69855d07ba26f03c7b628ca0'),  
    Emp_Id: 121,  
    Emp_Name: 'Anita Sharma',  
    Designation: 'Manager',  
    Date_of_Joining: '2018-06-12',  
    Salary: 75000,  
    Dept_Name: 'Administration',  
    Projects: [ 'Payroll System', 'HR Automation' ]  
  },  
  {  
    _id: ObjectId('69855d07ba26f03c7b628ca1'),  
    Emp_Id: 122,  
    Emp_Name: 'Rahul',  
    Designation: 'Developer',  
    Date_of_Joining: '2020-01-15',  
    Salary: 60000,  
    Dept_Name: 'IT'  
  },  
  {  
    _id: ObjectId('69855d07ba26f03c7b628ca2'),  
    Emp_Id: 123,  
    Emp_Name: 'Sneha',  
    Designation: 'Analyst',  
    Date_of_Joining: '2019-03-20',  
    Salary: 55000,  
    Dept_Name: 'Finance'  
  }  
]
```