

```
Select Command Prompt
bye

C:\Program Files\MongoDB\Server\4.0\bin>mongo
MongoDB shell version v4.0.20-36-gf8006ee
connecting to mongodb://127.0.0.1:27017/?gssapiServiceName=mongodb
implicit session: session { "id" : UUID("973fac37-5690-4929-9042-8f14281d3943") }
MongoDB server version: 4.0.20-36-gf8006ee

Server has startup warnings:
2020-09-24T09:49:26.536+0530 I CONTROL [initandlisten]
2020-09-24T09:49:26.536+0530 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2020-09-24T09:49:26.536+0530 I CONTROL [initandlisten] **           Read and write access to data and configuration is unrestricted.
2020-09-24T09:49:26.537+0530 I CONTROL [initandlisten]

Enable MongoDB's free cloud-based monitoring service, which will then receive and display
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
...

> use college
switched to db college
> db.createCollection("Student");
{
  "ok" : 0,
  "errmsg" : "db already exists with different case already have: [College] trying to create [college]",
  "code" : 13207,
  "codeName" : "DatabaseDifferCase"
}

> use college2
switched to db college2
> db.createCollection("Student");
{ "ok" : 1 }
> db.createCollection("Faculty");
{ "ok" : 1 }
> db.createCollection("COE");
{ "ok" : 1 }
> db.createCollection("Library");
{ "ok" : 1 }
> db.createCollection("Admission");
{ "ok" : 1 }
> db.createCollection("college Festival");
{ "ok" : 1 }
> db.student.insert({_id:"1",name:"priyanka",class:"7",sec:"B",cgpa:"9.0",usn:"1BM18CS414"});
WriteResult({ "ninserted" : 1 })
> db.student.insert({_id:"1",name:"shwetha",class:"6",sec:"A",cgpa:"8.8",usn:"1BM18CS408"});
WriteResult({ "ninserted" : 1 })
```

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> db.createCollection("college Festival");
{ "ok" : 1 }
> db.student.insert({_id:"1",name:"priyanka",class:"7",sec:"B",cgpa:"9.0",usn:"1BM18CS414"});
WriteResult({ "ninserted" : 1 })
> db.student.insert({_id:"1",name:"shwetha",class:"6",sec:"A",cgpa:"8.8",usn:"1BM18CS408"});
WriteResult({
  "ninserted" : 0,
  "writeError" : {
    "code" : 11000,
    "errmsg" : "E11000 duplicate key error collection: college2.student index: _id_dup key: { : \"1\" }"
  }
})
> db.student.insert({_id:"2",name:"shwetha",class:"6",sec:"A",cgpa:"8.8",usn:"1BM18CS408"});
WriteResult({ "ninserted" : 1 })
> db.student.insert({_id:"3",name:"jamuna",class:"7",sec:"C",cgpa:"8",usn:"1BM18CS409"});
WriteResult({ "ninserted" : 1 })
> db.student.insert({_id:"4",name:"lavanya",class:"6",sec:"A",cgpa:"8.9",usn:"1BM18CS410"});
WriteResult({ "ninserted" : 1 })
> db.Faculty.insert({_id:"1",Fname:"pallavi",Age:"30",dept:"CSE",salary:"80000",sex:"female"});
WriteResult({ "ninserted" : 1 })
> db.Faculty.insert({_id:"2",Fname:"ramesh",Age:"35",dept:"ISE",salary:"70000",sex:"male"});
WriteResult({ "ninserted" : 1 })
> db.Faculty.insert({_id:"2",Fname:"aravind",Age:"38",dept:"EEE",salary:"75000",sex:"female"});
WriteResult({
  "ninserted" : 0,
  "writeError" : {
    "code" : 11000,
    "errmsg" : "E11000 duplicate key error collection: college2.Faculty index: _id_dup key: { : \"2\" }"
  }
})
> db.Faculty.insert({_id:"3",Fname:"aravind",Age:"38",dept:"EEE",salary:"75000",sex:"female"});
WriteResult({ "ninserted" : 1 })
> db.Faculty.insert({_id:"4",Fname:"arundati",Age:"38",dept:"ML",salary:"75000",sex:"female"});
WriteResult({ "ninserted" : 1 })
> db.COE.insert({_id:"1",Type:"SEE",College:"BMS",Specification:"BE",Date:"25-12-2020",subject:"BDA"});
WriteResult({ "ninserted" : 1 })
> db.COE.insert({_id:"2",Type:"CEE",College:"BMS",Specification:"BE",Date:"25-07-2020",subject:"DSA"});
WriteResult({ "ninserted" : 1 })
> db.COE.insert({_id:"2",Type:"SEE",College:"BMSIT",Specification:"MTECH",Date:"25-12-2021",subject:"PSQ"});
WriteResult({ "ninserted" : 1 })
> db.COE.insert({_id:"4",Type:"CEE",College:"BMSIT",Specification:"MTECH",Date:"25-12-2020",subject:"PE"});
WriteResult({ "ninserted" : 1 })
> db.Library.insert({_id:"1",Name:"BMS Library",Book no:"101",BookName:"BDA",Author name:"martin",price:"500"});
2020-09-24T14:52:41.678+0530 E QUERY [js] SyntaxError: missing : after property id @(shell):1:52
> db.Library.insert({_id:"1",Name:"BMS Library",Book no:"101",BookName:"BDA",AuthorName:"martin",price:"500"});
2020-09-24T14:53:18.059+0530 E QUERY [js] SyntaxError: missing : after property id @(shell):1:52
> db.Library.insert({_id:"1",Name:"BMS Library",Book no:"101",BookName:"BDA",AuthorName:"martin",price:"500"});
2020-09-24T14:53:30.809+0530 E QUERY [js] SyntaxError: missing : after property id @(shell):1:51
> db.Library.insert({_id:"1",Name:"BMS Library",BookNo:"101",BookName:"BDA",AuthorName:"martin",price:"500"});
WriteResult({ "ninserted" : 1 })
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Select Command Prompt
> db.library.insert({_id:"1",Name:"BMSLibrary",BookNo:"101",BookName:"BDA",AuthorName:"martin",price:"500"});
WriteResult({ "ninserted" : 1 })
> db.library.insert({_id:"2",Name:"BMSLibrary",BookNo:"102",BookName:"DSA",AuthorName:"rajesh",price:"800"});
WriteResult({ "ninserted" : 1 })
> db.library.insert({_id:"3",Name:"BMSLibrary",BookNo:"103",BookName:"PE",AuthorName:"suresh",price:"1800"});
WriteResult({ "ninserted" : 1 })
> db.library.insert({_id:"4",Name:"BMSLibrary",BookNo:"104",BookName:"PSQ",AuthorName:"ramesh",price:"1850"});
WriteResult({ "ninserted" : 1 })
> db.admission.insert({_id:"1",AdmissionDate:"05-06-2020",Fees:"80000",year:"3",name:"priyanka",mode:"online"});
WriteResult({ "ninserted" : 1 })
> db.admission.insert({_id:"2",AdmissionDate:"05-06-2019",Fees:"60000",year:"2",name:"jamuna",mode:"offline"});
WriteResult({ "ninserted" : 1 })
> db.admission.insert({_id:"3",AdmissionDate:"05-06-2020",Fees:"50000",year:"3",name:"lavanya",mode:"online"});
WriteResult({ "ninserted" : 1 })
> db.admission.insert({_id:"4",AdmissionDate:"05-06-2021",Fees:"55000",year:"2",name:"madhuri",mode:"offline"});
WriteResult({ "ninserted" : 1 })
> db.collegeFestival.insert({_id:"1",eventName:"utsav",date:"02-12-2020",Guest:"raj",Events:"Dance",Time:"7PM"});
2020-09-24T15:06:17.422+0530 E QUERY [js] SyntaxError: missing ; before statement @ (shell):1:11
> db.collegeFestival.insert({_id:"1",eventName:"utsav",date:"02-12-2020",Guest:"raj",Events:"Dance",Time:"7PM"});
WriteResult({ "ninserted" : 1 })
> db.collegeFestival.insert({_id:"2",eventName:"protocolDay",date:"02-06-2020",Guest:"mahesh",Events:"CODING",Time:"12PM"});
WriteResult({ "ninserted" : 1 })
> db.collegeFestival.insert({_id:"3",eventName:"HACKATHON",date:"02-12-2020",Guest:"RAMESH",Events:"HACKATHON",Time:"10AM"});
WriteResult({ "ninserted" : 1 })
> db.collegeFestival.insert({_id:"4",eventName:"GAMING",date:"02-12-2021",Guest:"rajesh",Events:"gaming",Time:"9AM"});
WriteResult({ "ninserted" : 1 })
> db.student.find().pretty()
{
  "_id" : "1",
  "name" : "priyanka",
  "class" : "7",
  "sec" : "B",
  "cgpa" : "9.0",
  "usn" : "1BM1BCS414"
}
{
  "_id" : "2",
  "name" : "shwetha",
  "class" : "6",
  "sec" : "A",
  "cgpa" : "8.8",
  "usn" : "1BM1BCS408"
}
{
  "_id" : "3",
  "name" : "jamuna",
  "class" : "7",
  "sec" : "C",
  "cgpa" : "8",
  "usn" : "1BM1BCS409"
}
```

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Select Command Prompt
{
  "_id" : "3",
  "name" : "jamuna",
  "class" : "7",
  "sec" : "C",
  "cgpa" : "8",
  "usn" : "1BM1BCS409"
}
{
  "_id" : "4",
  "name" : "lavanya",
  "class" : "6",
  "sec" : "A",
  "cgpa" : "8.9",
  "usn" : "1BM1BCS410"
}
db.Faculty.find().pretty()
{
  "_id" : "1",
  "Fname" : "pallavi",
  "Age" : "30",
  "dept" : "CSE",
  "salary" : "80000",
  "sex" : "female"
}
{
  "_id" : "2",
  "Fname" : "ramesh",
  "Age" : "35",
  "dept" : "ISE",
  "salary" : "70000",
  "sex" : "male"
}
{
  "_id" : "3",
  "Fname" : "aravind",
  "Age" : "38",
  "dept" : "ITE",
  "salary" : "75000",
  "sex" : "female"
}
{
  "_id" : "4",
  "Fname" : "arundati",
  "Age" : "38",
  "dept" : "HL",
  "salary" : "75000",
  "sex" : "female"
}
```

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Select Command Prompt
"sex": "female"
}
db.COE.find().pretty()
{
  "_id": "1",
  "Type": "SEE",
  "College": "BMS",
  "Specification": "BE",
  "Date": "25-12-2020",
  "subject": "BDA"
}
{
  "_id": "2",
  "Type": "CEE",
  "College": "BMS",
  "Specification": "BE",
  "Date": "25-07-2020",
  "subject": "DSA"
}
{
  "_id": "3",
  "Type": "SEE",
  "College": "BMSIT",
  "Specification": "MTECH",
  "Date": "25-12-2021",
  "subject": "PSQ"
}
{
  "_id": "4",
  "Type": "CEE",
  "College": "BMSIT",
  "Specification": "MTECH",
  "Date": "25-12-2020",
  "subject": "PE"
}
}
db.Library.find().pretty()
{
  "_id": "1",
  "Lname": "BMSLibrary",
  "BookNo": "101",
  "BookName": "BDA",
  "AuthorName": "martin",
  "price": "500"
}
{
  "_id": "2",
  "Lname": "BMSLibrary",
  "BookNo": "102",
  "BookName": "DSA",
  "AuthorName": "rajesh",
  "price": "500"
}
```

```
Select Command Prompt
{
  "_id": "3",
  "Lname": "BMSLibrary",
  "BookNo": "103",
  "BookName": "PE",
  "AuthorName": "suresh",
  "price": "1800"
}
{
  "_id": "4",
  "Lname": "BMSLibrary",
  "BookNo": "104",
  "BookName": "PSQ",
  "AuthorName": "ramesh",
  "price": "1850"
}
}
db.Admission.find().pretty()
{
  "_id": "1",
  "AdmissionDate": "05-06-2020",
  "fees": "80000",
  "year": "3",
  "name": "priyanka",
  "mode": "online"
}
{
  "_id": "2",
  "AdmissionDate": "05-06-2019",
  "fees": "60000",
  "year": "2",
  "name": "jamuna",
  "mode": "offline"
}
{
  "_id": "3",
  "AdmissionDate": "05-06-2020",
  "fees": "50000",
  "year": "2",
  "name": "lavanya",
  "mode": "online"
}
{
  "_id": "4",
  "AdmissionDate": "05-06-2021",
  "fees": "55000",
  "year": "2",
  "name": "madhuri",
  "mode": "offline"
}
```

```
Select Command Prompt
{"name": "lavanya",
"mode": "online"
}
{
  "_id": "4",
  "AdmissionDate": "05-06-2021",
  "fees": "55000",
  "year": "2",
  "name": "madhuri",
  "mode": "offline"
}
> db.collegefestival.find().pretty()
{
  "_id": "1",
  "eventName": "utsav",
  "date": "02-12-2020",
  "Guest": "raj",
  "Events": "Dance",
  "Time": "7PM"
}
{
  "_id": "2",
  "eventName": "protocolday",
  "date": "02-06-2020",
  "Guest": "mahesh",
  "Events": "COOLING",
  "Time": "12PM"
}
{
  "_id": "3",
  "eventName": "HACKATHON",
  "date": "02-12-2020",
  "Guest": "RAVESH",
  "Events": "HACKATHON",
  "Time": "10AM"
}
{
  "_id": "4",
  "eventName": "GAMING",
  "date": "02-12-2021",
  "Guest": "rajesh",
  "Events": "gaming",
  "Time": "9AM"
}
}
^C
bye
C:\Program Files\MongoDB\Server\4.0\bin>
```