

Command Prompt - mongo

```
WriteResult({ "nInserted" : 1 })
> db.department.insert({_id:"13",dept_name:"hardware",dept_id:"1003",manager:"spandana"});
WriteResult({ "nInserted" : 1 })
>
> db.department.update({_id:"16",dept_name:"software",dept_id:"1005"},{$set:{manager:"priya"}},{upsert:true});
WriteResult({ "nMatched" : 0, "nUpserted" : 1, "nModified" : 0, "_id" : "16" })
>
>
> db.employee.remove({_id:"6"},{$unset:{emp_id:"116"}});
WriteResult({ "nRemoved" : 1 })
>
>
> db.employee.find().pretty(),db.department.find().pretty();
2020-10-01T16:29:35.555+0530 E QUERY [js] TypeError: db.employee.find(...).pretty is not a function :
@(<shell>):1:1
>
> db.employee.find().pretty(),db.department.find().pretty();
{
  "_id" : "11",
  "dept_name" : "software",
  "dept_id" : "1001",
  "manager" : "nagamma"
}
{
  "_id" : "12",
  "dept_name" : "hardware",
  "dept_id" : "1002",
  "manager" : "sanjana"
}
{
  "_id" : "13",
  "dept_name" : "hardware",
  "dept_id" : "1003",
  "manager" : "spandana"
}
{
  "_id" : "16",
  "dept_id" : "1005",
  "dept_name" : "software",
  "manager" : "priya"
}
```

```

db.employee.find({dept_id:{$in:[1001,1002,1003,1005]}},{name,dept_id}
...
db.employee.find({$and:[{dept_id:{$gt:"1001"}},{dept_id:{$lt:"1005"}]}},{name:1,dept:11]
{"_id": "2", "name": "sanjana", "dept": "hardware" }
{"_id": "3", "name": "sahana", "dept": "hardware" }
> db.employee.find({name:"/^A/"}).pretty();
> db.employee.find({name:/^A/}).pretty();
> db.employee.find({name:/^s/}).pretty();
{
  "_id" : "2",
  "name" : "sanjana",
  "dept" : "hardware",
  "emp_id" : "112",
  "dept_id" : "1002",
  "salary" : "25000"
}
{
  "_id" : "3",
  "name" : "sahana",
  "dept" : "hardware",
  "emp_id" : "113",
  "dept_id" : "1003",
  "salary" : "20000"
}

```



Type here to search



```

Command Prompt - mongo
> use company
switched to db company
> db.createCollection("employee");
{ "ok" : 1 }
> db.createCollection("department");
{ "ok" : 1 }
> db.employee.insert({_id:"1",name:"nagma",dept:"software",emp_id:"111",dept_id:"1001",salary:"20000"});
WriteResult({ "nInserted" : 1 })
> db.employee.insert({_id:"2",name:"sanjana",dept:"hardware",emp_id:"112",dept_id:"1002",salary:"25000"});
WriteResult({ "nInserted" : 1 })
> db.employee.insert({_id:"3",name:"sahana",dept:"hardware",emp_id:"113",dept_id:"1003",salary:"20000"},{_id:"4",name:"anjali",dept_id:"114",dept_id:"1004",emp_id:"115",dept_id:"1005",salary:"35000"},{upset:false});
2020-10-01T15:57:34.242+0530 E QUERY [js] ReferenceError: False is not defined :
@({shell}):1:255
> db.employee.insert({_id:"3",name:"sahana",dept:"hardware",emp_id:"113",dept_id:"1003",salary:"20000"},{_id:"4",name:"anjali",dept_id:"114",dept_id:"1004",emp_id:"115",dept_id:"1005",salary:"35000"},{upset:false});
WriteResult({ "nInserted" : 1 })
>
> db.department.insert({_id:"11",dept_name:"software",dept_id:"1001",manager:"nagma"});
WriteResult({ "nInserted" : 1 })
> db.employee.update({_id:"6",name:"priyanka",dept:"hardware",emp_id:"116",dept_id:"1006",salary:"40000"});
2020-10-01T16:07:34.711+0530 E QUERY [js] Error: need an object :
DBCollection.prototype._parseUpdate@src/mongo/shell/collection.js:452:1
DBCollection.prototype.update@src/mongo/shell/collection.js:494:18
@({shell}):1:1
> db.employee.update({_id:"6",name:"nagma",dept:"software",emp_id:"111",dept_id:"1001",salary:"25000"});
2020-10-01T16:09:00.228+0530 E QUERY [js] Error: need an object :
DBCollection.prototype._parseUpdate@src/mongo/shell/collection.js:452:1
DBCollection.prototype.update@src/mongo/shell/collection.js:494:18
@({shell}):1:1
> db.employee.update({_id:"6",name:"priyanka",dept:"software",emp_id:"116",dept_id:"1006"},{$set:salary:"50000"});
2020-10-01T16:11:37.533+0530 E QUERY [js] SyntaxError: missing } after property list @({shell}):1:101
> db.employee.update({_id:"6",name:"priyanka",dept:"software",emp_id:"116",dept_id:"1006"},{$set:{salary:"50000"}},{upsert:true});
WriteResult({ "nMatched" : 0, "nUpserted" : 1, "nModified" : 0, "_id" : "6" })
>
>
>
> db.employee.save({_id:"1",name:"nagma",dept:"software",emp_id:"111",dept_id:"1001",salary:"20000"});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 0 })
>
>
>
> db.department.insert({_id:"11",dept_name:"software",dept_id:"1001"});

```