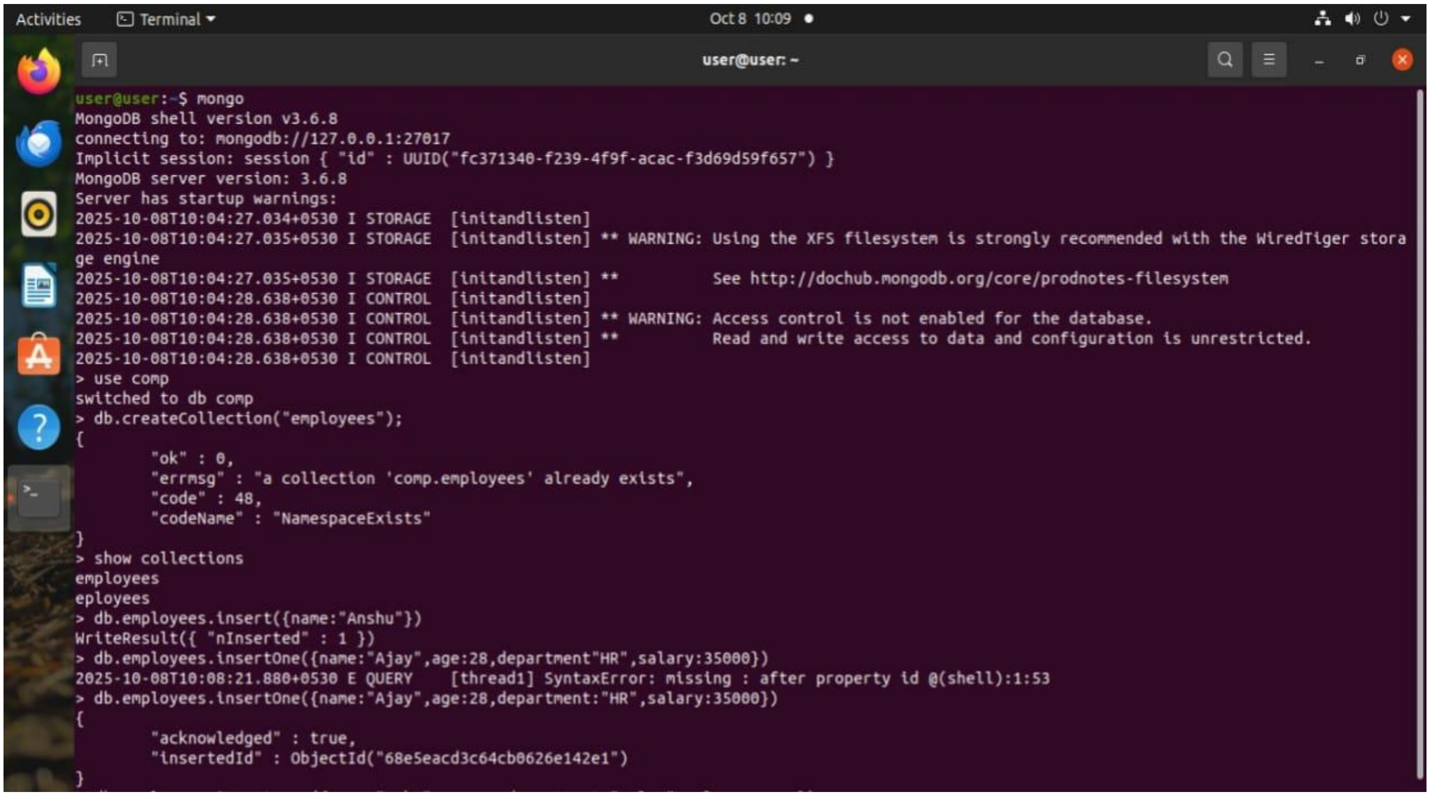
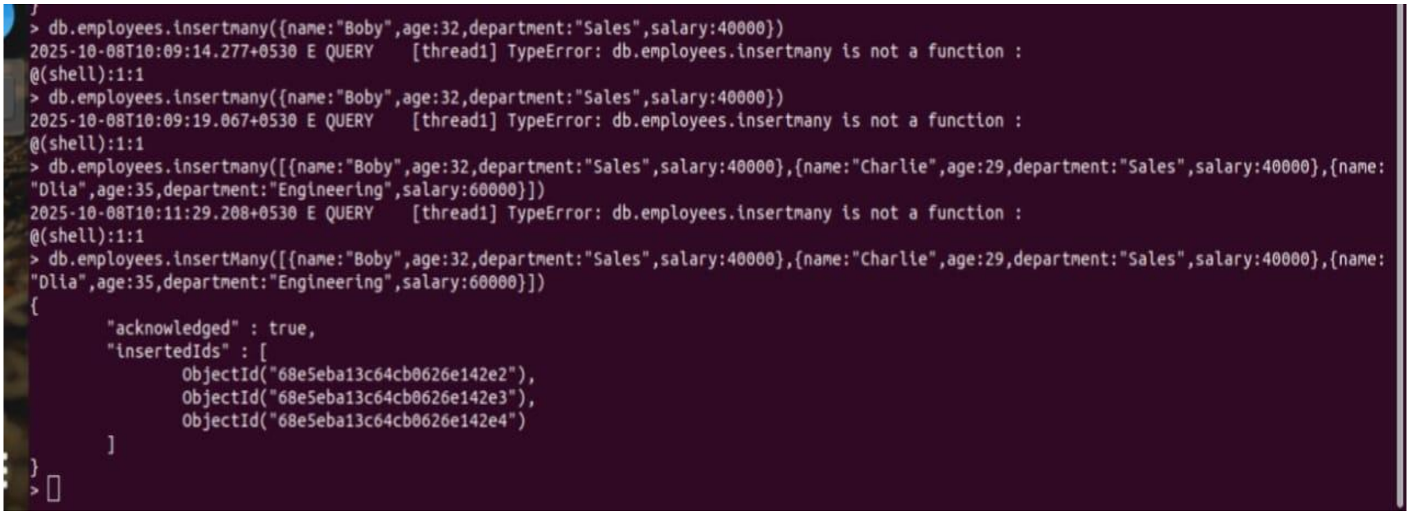
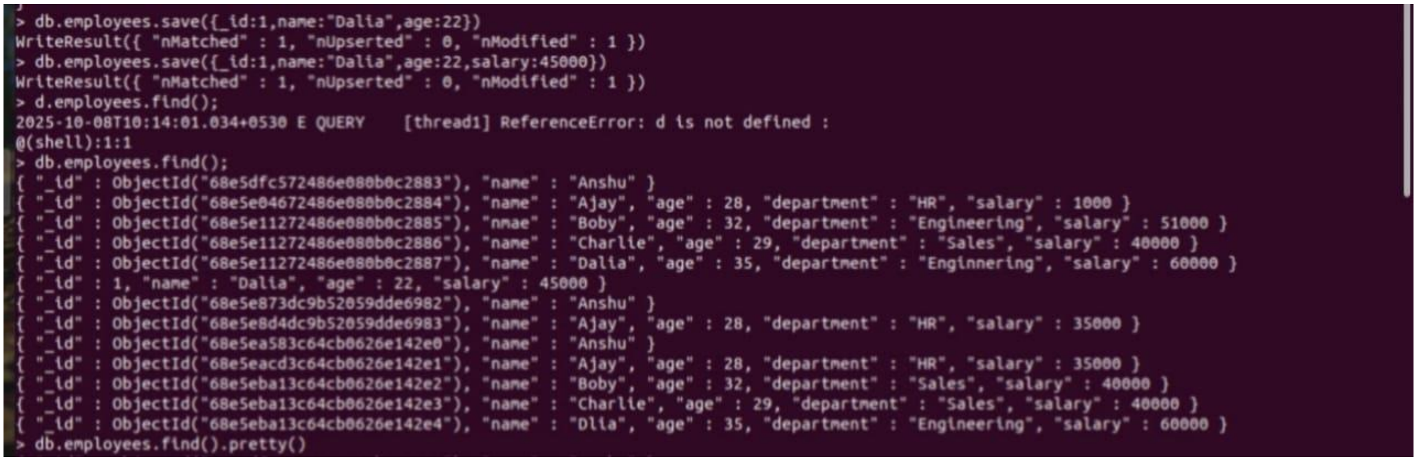
OutPut:



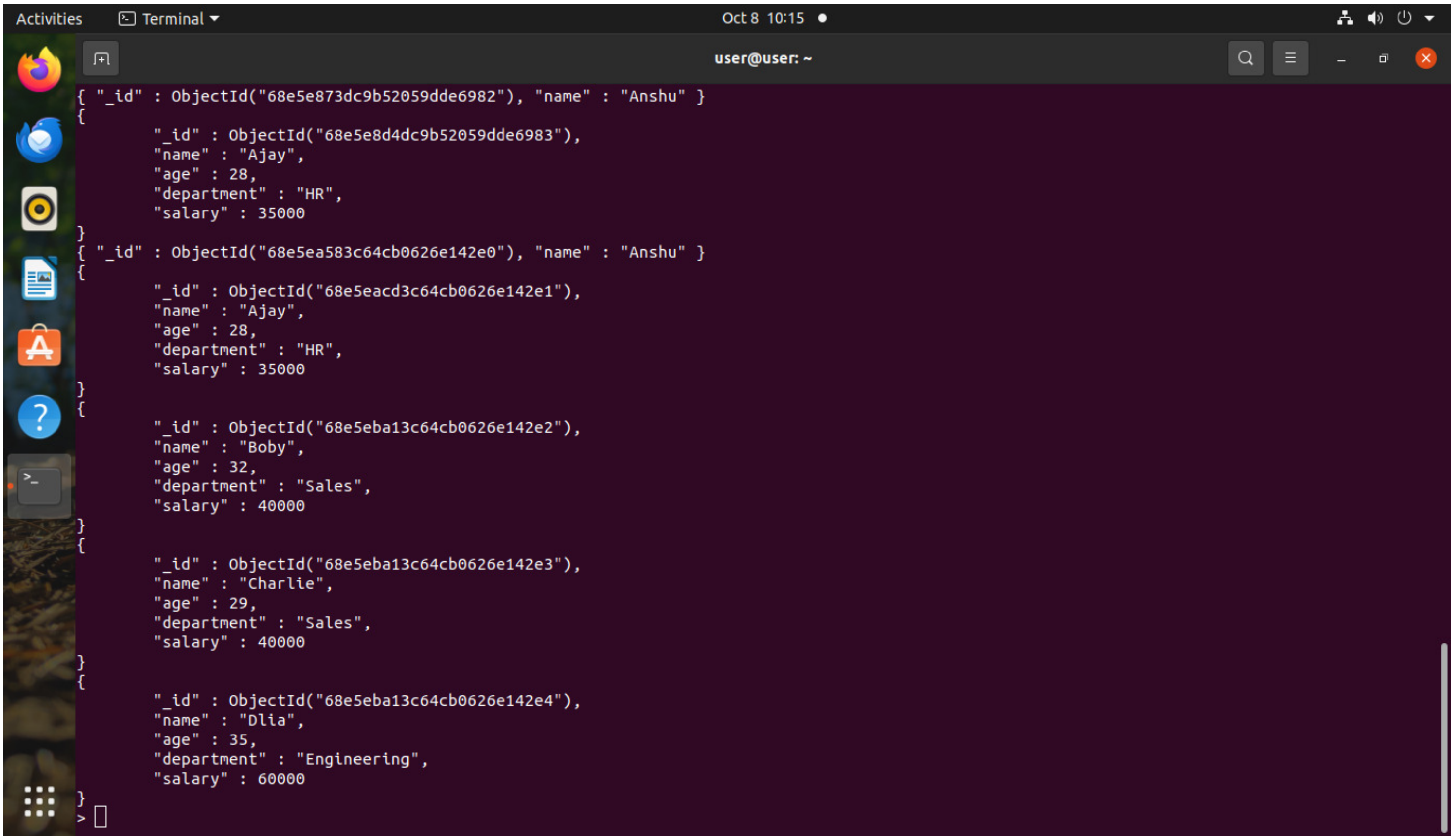
```
user@user:~$ mongo
MongoDB shell version v3.6.8
connecting to: mongodb://127.0.0.1:27017
Implicit session: session { "id" : UUID("fc371340-f239-4f9f-acac-f3d69d59f657") }
MongoDB server version: 3.6.8
Server has startup warnings:
2025-10-08T10:04:27.034+0530 I STORAGE  [initandlisten]
2025-10-08T10:04:27.035+0530 I STORAGE  [initandlisten] ** WARNING: Using the XFS filesystem is strongly recommended with the WiredTiger stora
ge engine
2025-10-08T10:04:27.035+0530 I STORAGE  [initandlisten] **          See http://dochub.mongodb.org/core/prodnotes-filesystem
2025-10-08T10:04:28.638+0530 I CONTROL  [initandlisten]
2025-10-08T10:04:28.638+0530 I CONTROL  [initandlisten] ** WARNING: Access control is not enabled for the database.
2025-10-08T10:04:28.638+0530 I CONTROL  [initandlisten] **          Read and write access to data and configuration is unrestricted.
2025-10-08T10:04:28.638+0530 I CONTROL  [initandlisten]
> use comp
switched to db comp
> db.createCollection("employees");
{
        "ok" : 0,
        "errmsg" : "a collection 'comp.employees' already exists",
        "code" : 48,
        "codeName" : "NamespaceExists"
}
> show collections
employees
eployees
> db.employees.insert({name:"Anshu"})
WriteResult({ "nInserted" : 1 })
> db.employees.insertOne({name:"Ajay",age:28,department"HR",salary:35000})
2025-10-08T10:08:21.880+0530 E QUERY    [thread1] SyntaxError: missing : after property id @(shell):1:53
> db.employees.insertOne({name:"Ajay",age:28,department:"HR",salary:35000})
{
        "acknowledged" : true,
        "insertedId" : ObjectId("68e5eacd3c64cb0626e142e1")
}
```



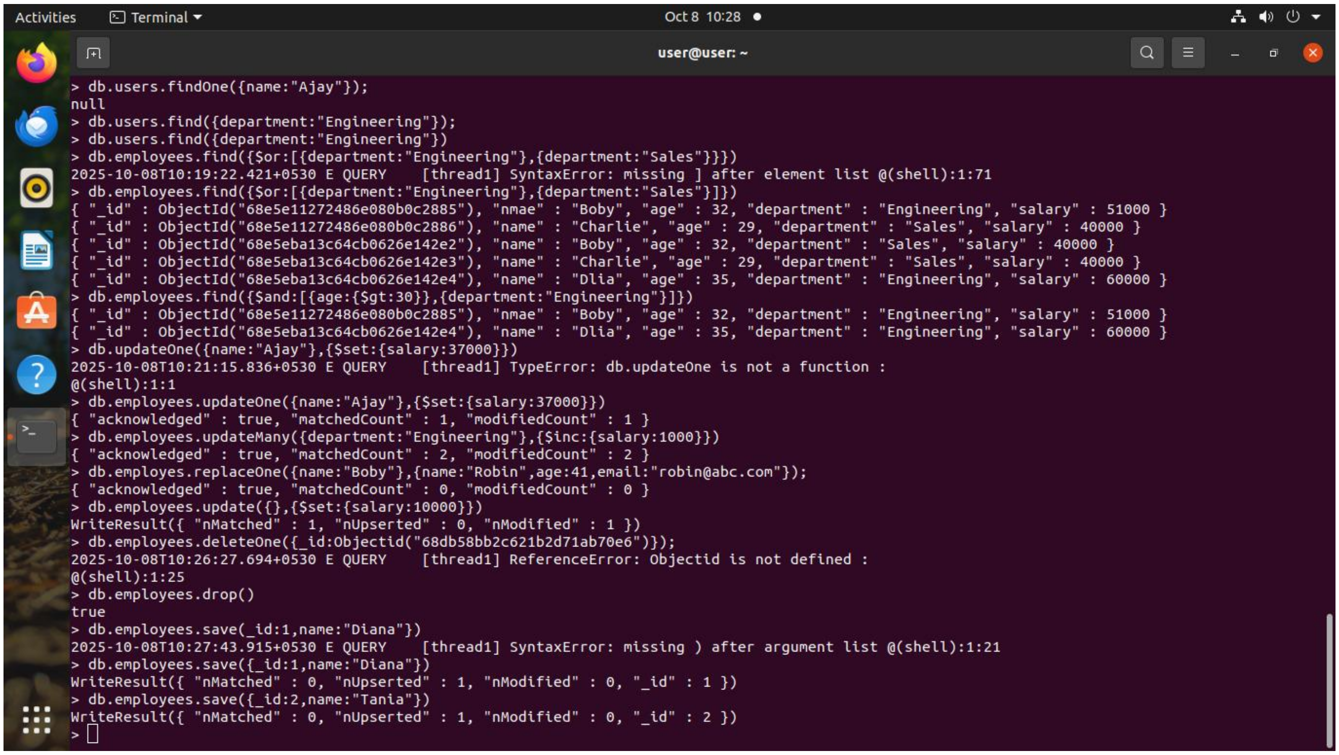
```
> db.employees.insertmany({name:"Boby",age:32,department:"Sales",salary:40000})
2025-10-08T10:09:14.277+0530 E QUERY    [thread1] TypeError: db.employees.insertmany is not a function :
@(shell):1:1
> db.employees.insertmany({name:"Boby",age:32,department:"Sales",salary:40000})
2025-10-08T10:09:19.067+0530 E QUERY    [thread1] TypeError: db.employees.insertmany is not a function :
@(shell):1:1
> db.employees.insertmany([{name:"Boby",age:32,department:"Sales",salary:40000},{name:"Charlie",age:29,department:"Sales",salary:40000},{name:
"Dlia",age:35,department:"Engineering",salary:60000}])
2025-10-08T10:11:29.208+0530 E QUERY    [thread1] TypeError: db.employees.insertmany is not a function :
@(shell):1:1
> db.employees.insertMany([{name:"Boby",age:32,department:"Sales",salary:40000},{name:"Charlie",age:29,department:"Sales",salary:40000},{name:
"Dlia",age:35,department:"Engineering",salary:60000}])
{
        "acknowledged" : true,
        "insertedIds" : [
                ObjectId("68e5eba13c64cb0626e142e2"),
                ObjectId("68e5eba13c64cb0626e142e3"),
                ObjectId("68e5eba13c64cb0626e142e4")
        ]
}
> 
```



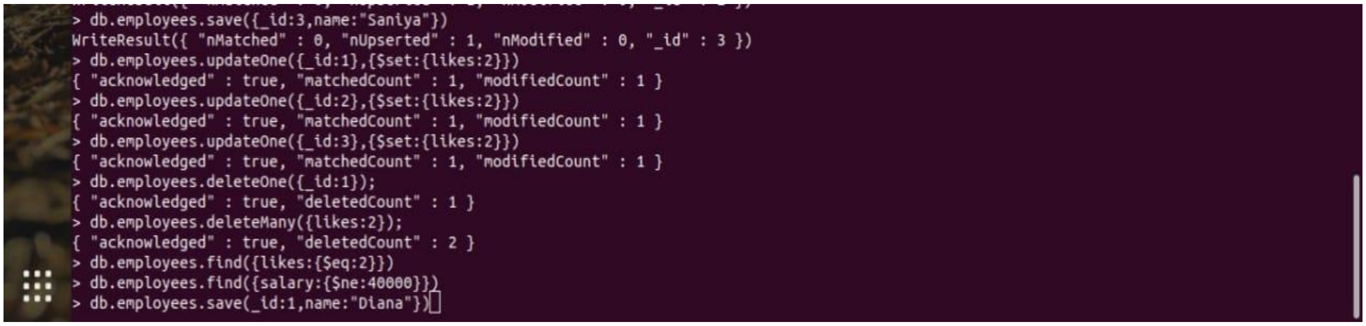
```
> db.employees.save({_id:1,name:"Dalia",age:22})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.employees.save({_id:1,name:"Dalia",age:22,salary:45000})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> d.employees.find();
2025-10-08T10:14:01.034+0530 E QUERY    [thread1] ReferenceError: d is not defined :
@(shell):1:1
> db.employees.find();
{ "_id" : ObjectId("68e5dfc572486e080b0c2883"), "name" : "Anshu" }
{ "_id" : ObjectId("68e5e04672486e080b0c2884"), "name" : "Ajay", "age" : 28, "department" : "HR", "salary" : 1000 }
{ "_id" : ObjectId("68e5e11272486e080b0c2885"), "nmae" : "Boby", "age" : 32, "department" : "Engineering", "salary" : 51000 }
{ "_id" : ObjectId("68e5e11272486e080b0c2886"), "name" : "Charlie", "age" : 29, "department" : "Sales", "salary" : 40000 }
{ "_id" : ObjectId("68e5e11272486e080b0c2887"), "name" : "Dalia", "age" : 35, "department" : "Enginnering", "salary" : 60000 }
{ "_id" : 1, "name" : "Dalia", "age" : 22, "salary" : 45000 }
{ "_id" : ObjectId("68e5e873dc9b52059dde6982"), "name" : "Anshu" }
{ "_id" : ObjectId("68e5e8d4dc9b52059dde6983"), "name" : "Ajay", "age" : 28, "department" : "HR", "salary" : 35000 }
{ "_id" : ObjectId("68e5ea583c64cb0626e142e0"), "name" : "Anshu" }
{ "_id" : ObjectId("68e5eacd3c64cb0626e142e1"), "name" : "Ajay", "age" : 28, "department" : "HR", "salary" : 35000 }
{ "_id" : ObjectId("68e5eba13c64cb0626e142e2"), "name" : "Boby", "age" : 32, "department" : "Sales", "salary" : 40000 }
{ "_id" : ObjectId("68e5eba13c64cb0626e142e3"), "name" : "Charlie", "age" : 29, "department" : "Sales", "salary" : 40000 }
{ "_id" : ObjectId("68e5eba13c64cb0626e142e4"), "name" : "Dlia", "age" : 35, "department" : "Engineering", "salary" : 60000 }
> db.employees.find().pretty()
```



```
{ "_id" : ObjectId("68e5e873dc9b52059dde6982"), "name" : "Anshu" }
{
        "_id" : ObjectId("68e5e8d4dc9b52059dde6983"),
        "name" : "Ajay",
        "age" : 28,
        "department" : "HR",
        "salary" : 35000
}
{ "_id" : ObjectId("68e5ea583c64cb0626e142e0"), "name" : "Anshu" }
{
        "_id" : ObjectId("68e5eacd3c64cb0626e142e1"),
        "name" : "Ajay",
        "age" : 28,
        "department" : "HR",
        "salary" : 35000
}
{
        "_id" : ObjectId("68e5eba13c64cb0626e142e2"),
        "name" : "Boby",
        "age" : 32,
        "department" : "Sales",
        "salary" : 40000
}
{
        "_id" : ObjectId("68e5eba13c64cb0626e142e3"),
        "name" : "Charlie",
        "age" : 29,
        "department" : "Sales",
        "salary" : 40000
}
{
        "_id" : ObjectId("68e5eba13c64cb0626e142e4"),
        "name" : "Dlia",
        "age" : 35,
        "department" : "Engineering",
        "salary" : 60000
}
> 
```



```
> db.users.findOne({name:"Ajay"});
null
> db.users.find({department:"Engineering"});
> db.users.find({department:"Engineering"})
> db.employees.find({$or:[{department:"Engineering"},{department:"Sales"}}})
2025-10-08T10:19:22.421+0530 E QUERY    [thread1] SyntaxError: missing ] after element list @(shell):1:71
> db.employees.find({$or:[{department:"Engineering"},{department:"Sales"}]})
{ "_id" : ObjectId("68e5e11272486e080b0c2885"), "nmae" : "Boby", "age" : 32, "department" : "Engineering", "salary" : 51000 }
{ "_id" : ObjectId("68e5e11272486e080b0c2886"), "name" : "Charlie", "age" : 29, "department" : "Sales", "salary" : 40000 }
{ "_id" : ObjectId("68e5eba13c64cb0626e142e2"), "name" : "Boby", "age" : 32, "department" : "Sales", "salary" : 40000 }
{ "_id" : ObjectId("68e5eba13c64cb0626e142e3"), "name" : "Charlie", "age" : 29, "department" : "Sales", "salary" : 40000 }
{ "_id" : ObjectId("68e5eba13c64cb0626e142e4"), "name" : "Dlia", "age" : 35, "department" : "Engineering", "salary" : 60000 }
> db.employees.find({$and:[{age:{$gt:30}},{department:"Engineering"}]})
{ "_id" : ObjectId("68e5e11272486e080b0c2885"), "nmae" : "Boby", "age" : 32, "department" : "Engineering", "salary" : 51000 }
{ "_id" : ObjectId("68e5eba13c64cb0626e142e4"), "name" : "Dlia", "age" : 35, "department" : "Engineering", "salary" : 60000 }
> db.updateOne({name:"Ajay"},{$set:{salary:37000}})
2025-10-08T10:21:15.836+0530 E QUERY    [thread1] TypeError: db.updateOne is not a function :
@(shell):1:1
> db.employees.updateOne({name:"Ajay"},{$set:{salary:37000}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.employees.updateMany({department:"Engineering"},{$inc:{salary:1000}})
{ "acknowledged" : true, "matchedCount" : 2, "modifiedCount" : 2 }
> db.employes.replaceOne({name:"Boby"},{name:"Robin",age:41,email:"robin@abc.com"});
{ "acknowledged" : true, "matchedCount" : 0, "modifiedCount" : 0 }
> db.employees.update({},{$set:{salary:10000}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.employees.deleteOne({_id:Objectid("68db58bb2c621b2d71ab70e6")});
2025-10-08T10:26:27.694+0530 E QUERY    [thread1] ReferenceError: Objectid is not defined :
@(shell):1:25
> db.employees.drop()
true
> db.employees.save(_id:1,name:"Diana"})
2025-10-08T10:27:43.915+0530 E QUERY    [thread1] SyntaxError: missing ) after argument list @(shell):1:21
> db.employees.save({_id:1,name:"Diana"})
WriteResult({ "nMatched" : 0, "nUpserted" : 1, "nModified" : 0, "_id" : 1 })
> db.employees.save({_id:2,name:"Tania"})
WriteResult({ "nMatched" : 0, "nUpserted" : 1, "nModified" : 0, "_id" : 2 })
> 
```



```
> db.employees.save({_id:3,name:"Saniya"})
WriteResult({ "nMatched" : 0, "nUpserted" : 1, "nModified" : 0, "_id" : 3 })
> db.employees.updateOne({_id:1},{$set:{likes:2}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.employees.updateOne({_id:2},{$set:{likes:2}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.employees.updateOne({_id:3},{$set:{likes:2}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.employees.deleteOne({_id:1});
{ "acknowledged" : true, "deletedCount" : 1 }
> db.employees.deleteMany({likes:2});
{ "acknowledged" : true, "deletedCount" : 2 }
> db.employees.find({likes:{$eq:2}})
> db.employees.find({salary:{$ne:40000}})
> db.employees.save(_id:1,name:"Diana"})
```