

Output:

script.js

60004210073_Anay Shah_BDIExp-9

NEW MONGODB RUN

```
1 show databases;|  
2 use admin;
```

STDIN

Input for the program (Optional)

Output:

```
Lab6C  0.000GB  
admin  0.000GB  
config 0.000GB  
local  0.000GB  
switched to db admin
```

script.js

60004210073_Anay Shah_BDIExp-9

NEW MONGODB RUN ▶

```
1 show databases;
2 use admin;
3 show collections;|
```

STDIN

Input for the program (Optional)

⌘ + return

Output:

```
Base          0.000GB
EMP3          0.000GB
EMP4          0.000GB
Geeks         0.000GB
Gonzalo       0.000GB
admin         0.000GB
agg           0.000GB
ashley        0.000GB
config         0.000GB
ecommerce      0.000GB
fer            0.000GB
herrera        0.000GB
local          0.000GB
miranda        0.000GB
office         0.000GB
online_store   0.000GB
school         0.000GB
servicio       0.000GB
student1       0.000GB
test1          0.000GB
users          0.000GB
switched to db admin
Employee123
system.users
system.version
```

script.js 60004210073_Anay Shah_BDIExp-9

NEW MONGODB RUN

```
1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
```

STDIN
Input for the program (Optional)

Output:

```
admin 0.000GB
config 0.000GB
local 0.000GB
switched to db admin
Employee
system.users
system.version
{ "ok" : 1 }
```

script.js 60004210073_Anay Shah_BDIExp-9

NEW MONGODB RUN

```
1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'SantaCruz'});
```

STDIN
Input for the program (Optional)

Output:

```
Lab6C 0.000GB
admin 0.000GB
config 0.000GB
local 0.000GB
switched to db admin
Employee_084
system.users
system.version
{ "ok" : 1 }
WriteResult({ "nInserted" : 1 })
```

script.js 60004210073_Anay Shah_BDIExp-9

NEW MONGODB RUN

```
1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
```

STDIN
Input for the program (Optional)

Output:

```
admin 0.000GB
config 0.000GB
local 0.000GB
switched to db admin
Employee
Employee_073
system.users
system.version
{
    "ok" : 0,
    "errmsg" : "Collection already exists. NS: admin.Employee_073"
    "code" : 48,
    "codeName" : "NamespaceExists"
}
WriteResult({ "nInserted" : 1 })
{ "_id" : ObjectId("660cc3c3c7183fa7b0c5bba9ec"), "ID" : 101, "Name" : '
```

script.js 60004210073_Anay Shah_BDIExp-9

NEW MONGODB RUN

```
1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
7 db.Employee_073.insertOne({ID:102,Name:'Rishab',Address:'Thane'});
```

STDIN
Input for the program (Optional)

Output:

```
Lab6C 0.000GB
admin 0.000GB
config 0.000GB
local 0.000GB
switched to db admin
Employee79
Employee_073
Employee_084
Employee_099
system.users
system.version
{
    "ok" : 0,
    "errmsg" : "Collection already exists. NS: admin.Employee_073"
    "code" : 48,
    "codeName" : "NamespaceExists"
}
WriteResult({ "nInserted" : 1 })
{ "_id" : ObjectId("660cc3ac1d61a55719dda230"), "ID" : 101, "Name" : ''
{ "_id" : ObjectId("660cc477297de8198e40179c"), "ID" : 101, "Name" : ''
{
    "acknowledged" : true,
    "insertedId" : ObjectId("660cc477297de8198e40179d")
}
```

script.js 60004210073_Anay Shah_BDIExp-9

NEW MONGODB RUN

```

1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
7 db.Employee_073.insertOne({ID:102,Name:'Rishab',Address:'Thane'});
8 db.Employee_073.find();

```

STDIN
Input for the program (Optional)

Output:

```

admin 0.000GB
config 0.000GB
local 0.000GB
switched to db admin
Employee
Employee087
Employee_074
Employee_084
Employee_099
system.users
system.version
{ "ok" : 1 }
WriteResult({ "nInserted" : 1 })
{
  "_id" : ObjectId("660cc4b320ef9bcccd7cf3e2"),
  "ID" : 101,
  "Name" :
  {
    "acknowledged" : true,
    "insertedId" : ObjectId("660cc4b320ef9bcccd7cf3e3")
  }
}
{
  "_id" : ObjectId("660cc4b320ef9bcccd7cf3e2"),
  "ID" : 101,
  "Name" :
  {
    "_id" : ObjectId("660cc4b320ef9bcccd7cf3e3"),
    "ID" : 102,
    "Name" :

```

script.js 60004210073_Anay Shah_BDIExp-9

NEW MONGODB RUN

```

1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
7 db.Employee_073.insertOne({ID:102,Name:'Rishab',Address:'Thane'});
8 db.Employee_073.find();
9 db.Employee_073.insertMany([{"ID":103,Name:"Karan",Address:"Sewri"}, {"ID":104,Name:"Param",Address:"Pune"}]);

```

STDIN
Input for the program (Optional)

Output:

```

users 0.000GB
switched to db admin
Employee
Employee087
Employee123
Employee79
Employee_074
Employee_084
Employee_099
Employee_79
Student
employee_88
system.users
system.version
{ "ok" : 1 }
WriteResult({ "nInserted" : 1 })
{
  "_id" : ObjectId("660cc597e59293293f92a9fa"),
  "ID" : 101,
  "Name" :
  {
    "acknowledged" : true,
    "insertedId" : ObjectId("660cc597e59293293f92a9fb")
  }
}
{
  "_id" : ObjectId("660cc597e59293293f92a9fa"),
  "ID" : 101,
  "Name" :
  {
    "_id" : ObjectId("660cc597e59293293f92a9fb"),
    "ID" : 102,
    "Name" :
    {
      "acknowledged" : true,
      "insertedIds" : [
        ObjectId("660cc597e59293293f92a9fc"),
        ObjectId("660cc597e59293293f92a9fd")
      ]
    }
  }
}
```

```
script.js                                         60004210073_Anay Shah_BDIExp-9 ✎
NEW     MONGODB ▾ RUN ▾ ⋮ ⋯

1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({_ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
7 db.Employee_073.insertOne({_ID:102,Name:'Rishab',Address:'Thane'});
8 db.Employee_073.find();
9 db.Employee_073.insertMany([{"ID":103,Name:'Karan',Address:'Sewri'}, {"ID":104,Name:'Param',Address:'Pune'}]);
10 db.Employee_073.find();

STDIN
Input for the program (Optional)

{
  "_id" : ObjectId("660cc597e59293293f92a9fa"), "ID" : 101, "Name" : "Anay", "Address" : "Santacruz"
  "_id" : ObjectId("660cc597e59293293f92a9fb"), "ID" : 102, "Name" : "Rishab", "Address" : "Thane"
  "_id" : ObjectId("660cc597e59293293f92a9fc"), "ID" : 103, "Name" : "Karan", "Address" : "Sewri"
  "_id" : ObjectId("660cc597e59293293f92a9fd"), "ID" : 104, "Name" : "Param", "Address" : "Pune"
  {
    "acknowledged" : true,
    "insertedId" : ObjectId("660cc5b726c0865074e0d421")
  }
  {
    "_id" : ObjectId("660cc597e59293293f92a9fa"), "ID" : 101, "Name" : "Anay", "Address" : "Santacruz"
    "_id" : ObjectId("660cc597e59293293f92a9fb"), "ID" : 102, "Name" : "Rishab", "Address" : "Thane"
    "_id" : ObjectId("660cc597e59293293f92a9fc"), "ID" : 103, "Name" : "Karan", "Address" : "Sewri"
    "_id" : ObjectId("660cc597e59293293f92a9fd"), "ID" : 104, "Name" : "Param", "Address" : "Pune"
    {
      "acknowledged" : true,
      "insertedIds" : [
        ObjectId("660cc5b726c0865074e0d423"),
        ObjectId("660cc5b726c0865074e0d424")
      ]
    }
  {
    "_id" : ObjectId("660cc597e59293293f92a9fa"), "ID" : 101, "Name" : "Anay", "Address" : "Santacruz"
    "_id" : ObjectId("660cc597e59293293f92a9fb"), "ID" : 102, "Name" : "Rishab", "Address" : "Thane"
    "_id" : ObjectId("660cc597e59293293f92a9fc"), "ID" : 103, "Name" : "Karan", "Address" : "Sewri"
    "_id" : ObjectId("660cc597e59293293f92a9fd"), "ID" : 104, "Name" : "Param", "Address" : "Pune"
    {
      "acknowledged" : true,
      "insertedId" : ObjectId("660cc5b726c0865074e0d421")
    }
  }
}
```

```
script.js 60004210073_Anay Shah_BDIExp-9 NEW MONGODB RUN ...
```

```
1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.insert({ID:102,Name:'Rishab',Address:'Thane'});
7 db.Employee_073.insertOne({ID:103,Name:'Karan',Address:'Sewri'});
8 db.Employee_073.insertMany([{"ID":103,Name:"Karan",Address:"Sewri"}, {"ID":104,Name:"Param",Address:"Pune"}]);
9 db.Employee_073.find();
10 db.Employee_073.find();
11 db.Employee_073.find({Name:'Anay'});
```

STDIN
Input for the program (Optional)

```
_id: 1
ectId("660cc3acd161a55719dda230"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179c"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179d"), "ID": 102, "Name": "Rishab", "Address": "Thane"
ectId("660cc6520c429d2b04145688"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc6520c429d2b04145689"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc3acd161a55719dda230"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179c"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179d"), "ID": 102, "Name": "Rishab", "Address": "Thane"
ectId("660cc6520c429d2b04145688"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc6520c429d2b04145689"), "ID": 102, "Name": "Rishab", "Address": "Thane"
owledged": true,
rtedId": ObjectId("660cc6520c429d2b04145689")
```

```
ectId("660cc3acd161a55719dda230"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179c"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179d"), "ID": 102, "Name": "Rishab", "Address": "Thane"
ectId("660cc6520c429d2b04145688"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc6520c429d2b04145689"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc3acd161a55719dda230"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179c"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179d"), "ID": 102, "Name": "Rishab", "Address": "Thane"
ectId("660cc6520c429d2b04145688"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc6520c429d2b04145689"), "ID": 102, "Name": "Rishab", "Address": "Thane"
owledged": true,
rtedIds": [
    ObjectId("660cc6520c429d2b0414568a"),
    ObjectId("660cc6520c429d2b0414568b")]
```

```
ectId("660cc3acd161a55719dda230"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179c"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179d"), "ID": 102, "Name": "Rishab", "Address": "Thane"
ectId("660cc6520c429d2b04145688"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc6520c429d2b04145689"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc3acd161a55719dda230"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179c"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179d"), "ID": 104, "Name": "Param", "Address": "Pune"
ectId("660cc6520c429d2b04145688"), "ID": 104, "Name": "Param", "Address": "Pune"
ectId("660cc477297de8198e40179c"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc477297de8198e40179d"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
ectId("660cc6520c429d2b04145688"), "ID": 101, "Name": "Anay", "Address": "Santacruz"
```

script.js 60004210073_Anay Shah_BDIExp-9

```

1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
7 db.Employee_073.insertOne({ID:102,Name:'Rishab',Address:'Thane'});
8 db.Employee_073.find();
9 db.Employee_073.insertMany([{ID:103,Name:'Karan',Address:'Sewri'}, {ID:104,Name:'Param',Address:'Gujarat'}]);
10 db.Employee_073.find();
11 db.Employee_073.find({Name:'Anay'});
12 db.Employee_073.updateOne({ID:101}, {$set:{Address:'Nariman Point'}});

```

STDIN
Input for the program (Optional)

```

Employee_073
Employee_0117
Employee_074
Employee_084
Employee_099
Student
employee_88
system.users
system.version
{ "ok" : 1 }
WriteResult({ "nInserted" : 1 })
{
  "_id" : ObjectId("660cc7423c88a885f2d0a507"), "ID" : 101, "Name" : 'Anay',
  "Address" : 'Santacruz',
  "acknowledged" : true,
  "insertedId" : ObjectId("660cc7423c88a885f2d0a508")
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a507"), "ID" : 101, "Name" : 'Anay',
  "_id" : ObjectId("660cc7423c88a885f2d0a508"), "ID" : 102, "Name" : 'Rishab',
  "Address" : 'Thane',
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("660cc7423c88a885f2d0a509"),
    ObjectId("660cc7423c88a885f2d0a50a")
  ]
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a507"), "ID" : 101, "Name" : 'Anay',
  "_id" : ObjectId("660cc7423c88a885f2d0a508"), "ID" : 102, "Name" : 'Rishab',
  "_id" : ObjectId("660cc7423c88a885f2d0a509"), "ID" : 103, "Name" : 'Karan',
  "Address" : 'Sewri',
  "_id" : ObjectId("660cc7423c88a885f2d0a50a"), "ID" : 104, "Name" : 'Param',
  "Address" : 'Gujarat'
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a507"), "ID" : 101, "Name" : 'Anay',
  "Address" : 'Nariman Point',
  "acknowledged" : true,
  "matchedCount" : 1,
  "modifiedCount" : 1
}

```

script.js 60004210073_Anay Shah_BDIExp-9

```

1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
7 db.Employee_073.insertOne({ID:102,Name:'Rishab',Address:'Thane'});
8 db.Employee_073.find();
9 db.Employee_073.insertMany([{ID:103,Name:'Karan',Address:'Sewri'}, {ID:104,Name:'Param',Address:'Gujarat'}]);
10 db.Employee_073.find();
11 db.Employee_073.find({Name:'Anay'});
12 db.Employee_073.updateOne({ID:101}, {$set:{Address:'Nariman Point'}});
13 db.Employee_073.find();

```

STDIN
Input for the program (Optional)

```

Employee_073
Employee_0117
Employee_074
Employee_084
Employee_099
Student
employee_88
system.users
system.version
{ "ok" : 1 }
WriteResult({ "nInserted" : 1 })
{
  "_id" : ObjectId("660cc7423c88a885f2d0a507"), "ID" : 101, "Name" : 'Anay',
  "Address" : 'Santacruz',
  "acknowledged" : true,
  "insertedId" : ObjectId("660cc7423c88a885f2d0a508")
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a507"), "ID" : 101, "Name" : 'Anay',
  "_id" : ObjectId("660cc7423c88a885f2d0a508"), "ID" : 102, "Name" : 'Rishab',
  "Address" : 'Thane',
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("660cc7423c88a885f2d0a509"),
    ObjectId("660cc7423c88a885f2d0a50a")
  ]
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a507"), "ID" : 101, "Name" : 'Anay',
  "_id" : ObjectId("660cc7423c88a885f2d0a508"), "ID" : 102, "Name" : 'Rishab',
  "_id" : ObjectId("660cc7423c88a885f2d0a509"), "ID" : 103, "Name" : 'Karan',
  "Address" : 'Sewri',
  "_id" : ObjectId("660cc7423c88a885f2d0a50a"), "ID" : 104, "Name" : 'Param',
  "Address" : 'Gujarat'
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a507"), "ID" : 101, "Name" : 'Anay',
  "Address" : 'Nariman Point',
  "acknowledged" : true,
  "matchedCount" : 1,
  "modifiedCount" : 1
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a507"), "ID" : 101, "Name" : 'Anay',
  "Address" : 'Nariman Point',
  "acknowledged" : true,
  "matchedCount" : 1,
  "modifiedCount" : 0
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a508"), "ID" : 102, "Name" : 'Rishab',
  "Address" : 'Thane',
  "acknowledged" : true,
  "matchedCount" : 1,
  "modifiedCount" : 0
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a509"), "ID" : 103, "Name" : 'Karan',
  "Address" : 'Sewri',
  "acknowledged" : true,
  "matchedCount" : 1,
  "modifiedCount" : 0
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a50a"), "ID" : 104, "Name" : 'Param',
  "Address" : 'Gujarat',
  "acknowledged" : true,
  "matchedCount" : 1,
  "modifiedCount" : 0
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a507"), "ID" : 101, "Name" : 'Anay',
  "Address" : 'Santacruz',
  "acknowledged" : true,
  "matchedCount" : 1,
  "modifiedCount" : 0
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a508"), "ID" : 102, "Name" : 'Rishab',
  "Address" : 'Thane',
  "acknowledged" : true,
  "matchedCount" : 1,
  "modifiedCount" : 0
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a509"), "ID" : 103, "Name" : 'Karan',
  "Address" : 'Sewri',
  "acknowledged" : true,
  "matchedCount" : 1,
  "modifiedCount" : 0
}
{
  "_id" : ObjectId("660cc7423c88a885f2d0a50a"), "ID" : 104, "Name" : 'Param',
  "Address" : 'Gujarat',
  "acknowledged" : true,
  "matchedCount" : 1,
  "modifiedCount" : 0
}

```

```
script.js 60004210073_Anay Shah_BDIExp-9 ↗ NEW MONGODB RUN ▶ ⋮
```

```
1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.findOne();
7 db.Employee_073.insertOne({ID:102,Name:'Rishab',Address:'Thane'});
8 db.Employee_073.findOne();
9 db.Employee_073.insertMany([{"ID":103,Name:'Karan',Address:'Sewri'}, {"ID":104,Name:'Param',Address:'Gujarat'}]);
10 db.Employee_073.findOne();
11 db.Employee_073.findOne({name:'Anay'});
12 db.Employee_073.updateOne({ID:101},{$set:{Address:'Nariman Point'}});
13 db.Employee_073.findOne();
14 db.Employee_073.updateMany({Address:'Santacruz'},{$set:{Address:'Nariman Point'}});
15 db.Employee_073.findOne();
```

STDIN
Input for the program (Optional)

```
0d7da433c", "ID": 103, "Name": "Karan", "Address": "Sewri", "Address": "Sewri"}, {"d7da433d"}, "ID": 104, "Name": "Param", "Address": "Gujarat" }, {"3b50aec3"}, "ID": 101, "Name": "Anay", "Address": "Santacruz" }, {"3b50aec4"}, "ID": 102, "Name": "Rishab", "Address": "Thane" }, {"3b50aec5"}, "ID": 103, "Name": "Karan", "Address": "Sewri" }, {"3b50aec6"}, "ID": 104, "Name": "Param", "Address": "Gujarat" }, {"cd7cf3e2"}, "ID": 101, "Name": "Anay", "Address": "Nariman Point" }, {"d7da433a"}, "ID": 101, "Name": "Anay", "Address": "Nariman Point" }, {"d7cf3e3"}, "ID": 102, "Name": "Rishab", "Address": "Thane" }, {"d7da433b"}, "ID": 102, "Name": "Rishab", "Address": "Thane" }, {"d7da433c"}, "ID": 103, "Name": "Karan", "Address": "Sewri" }, {"d7da433d"}, "ID": 104, "Name": "Param", "Address": "Gujarat" }, {"3b50aec3"}, "ID": 101, "Name": "Anay", "Address": "Santacruz" }, {"3b50aec4"}, "ID": 102, "Name": "Rishab", "Address": "Thane" }, {"3b50aec5"}, "ID": 103, "Name": "Karan", "Address": "Sewri" }, {"3b50aec6"}, "ID": 104, "Name": "Param", "Address": "Gujarat" }, {"int": 1, "modifiedCount": 0 } {"cd7cf3e2"}, "ID": 101, "Name": "Anay", "Address": "Nariman Point" }, {"cd7cf3e3"}, "ID": 102, "Name": "Rishab", "Address": "Thane" }, {"d7da433a"}, "ID": 101, "Name": "Anay", "Address": "Nariman Point" }, {"d7da433b"}, "ID": 102, "Name": "Rishab", "Address": "Thane" }, {"d7da433c"}, "ID": 103, "Name": "Karan", "Address": "Sewri" }, {"d7da433d"}, "ID": 104, "Name": "Param", "Address": "Gujarat" }, {"3b50aec3"}, "ID": 101, "Name": "Anay", "Address": "Santacruz" }, {"3b50aec4"}, "ID": 102, "Name": "Rishab", "Address": "Thane" }, {"3b50aec5"}, "ID": 103, "Name": "Karan", "Address": "Sewri" }, {"3b50aec6"}, "ID": 104, "Name": "Param", "Address": "Gujarat" }, {"int": 1, "modifiedCount": 1 } {"cd7cf3e2"}, "ID": 101, "Name": "Anay", "Address": "Nariman Point" }, {"cd7cf3e3"}, "ID": 102, "Name": "Rishab", "Address": "Thane" }, {"d7da433a"}, "ID": 101, "Name": "Anay", "Address": "Nariman Point" }, {"d7da433b"}, "ID": 102, "Name": "Rishab", "Address": "Thane" }, {"d7da433c"}, "ID": 103, "Name": "Karan", "Address": "Sewri" }, {"d7da433d"}, "ID": 104, "Name": "Param", "Address": "Gujarat" }, {"3b50aec3"}, "ID": 101, "Name": "Anay", "Address": "Nariman Point" }, {"3b50aec4"}, "ID": 102, "Name": "Rishab", "Address": "Thane" }, {"3b50aec5"}, "ID": 103, "Name": "Karan", "Address": "Sewri" }, {"3b50aec6"}, "ID": 104, "Name": "Param", "Address": "Gujarat" }
```

```
script.js                                         60004210073_Anay Shah_BDIExp-9 ✎ NEW MONGODB RUN ⚡ ...
```

```
1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
7 db.Employee_073.insertOne({ID:102,Name:'Rishab',Address:'Thane'});
8 db.Employee_073.find();
9 db.Employee_073.insertMany([{ID:103,Name:'Karan',Address:'Sewri'}, {ID:104,Name:'Param',Address:'Pune'}]);
10 db.Employee_073.find();
11 db.Employee_073.find({Name:'Anay'});
12 db.Employee_073.updateOne({ID:101}, {$set:{Address:'Nariman Point'}});
13 db.Employee_073.find();
14 db.Employee_073.updateMany({Address:'Santacruz'}, {$set:{Address:'Nariman Point'}});
15 db.Employee_073.find();
16 db.Employee_073.update({Name:'Anay'}, {$set:{Mobile:9876543210}});
```

script.js

```

1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
7 db.Employee_073.insertOne({ID:102,Name:'Rishab',Address:'Thane'});
8 db.Employee_073.find();
9 db.Employee_073.insertMany([{ID:103,Name:'Karan',Address:'Sewri'}, {ID:104,Name:'Param',Address:'Nariman Point'}]);
10 db.Employee_073.find();
11 db.Employee_073.find({Name:'Anay'});
12 db.Employee_073.updateOne({ID:101}, {$set:{Address:'Nariman Point'}});
13 db.Employee_073.find();
14 db.Employee_073.updateMany({Address:'Santacruz'}, {$set:{Address:'Nariman Point'}});
15 db.Employee_073.find();
16 db.Employee_073.update({Name:'Anay'}, {$set:{Mobile:9876543210}});
17 db.Employee_073.find();
18 db.Employee_073.deleteOne({ID:104});

```

60004210073_Anay Shah_BDIExp-9

STDIN

Input for the program (Optional)

```

{
  "_id": ObjectId("660cca14647081ce11f9b64a"),
  "ID": 102,
  "Name": "Rishab",
  "Address": "Thane"
},
{
  "_id": ObjectId("660cca14647081ce11f9b64b"),
  "ID": 103,
  "Name": "Karan",
  "Address": "Sewri"
},
{
  "_id": ObjectId("660cca14647081ce11f9b64c"),
  "ID": 104,
  "Name": "Param",
  "Address": "Nariman Point"
}

```

script.js

```

1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({ID:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
7 db.Employee_073.insertOne({ID:102,Name:'Rishab',Address:'Thane'});
8 db.Employee_073.find();
9 db.Employee_073.insertMany([{ID:103,Name:'Karan',Address:'Sewri'}, {ID:104,Name:'Param',Address:'Nariman Point'}]);
10 db.Employee_073.find();
11 db.Employee_073.find({Name:'Anay'});
12 db.Employee_073.updateOne({ID:101}, {$set:{Address:'Nariman Point'}});
13 db.Employee_073.find();
14 db.Employee_073.updateMany({Address:'Santacruz'}, {$set:{Address:'Nariman Point'}});
15 db.Employee_073.find();
16 db.Employee_073.update({Name:'Anay'}, {$set:{Mobile:9876543210}});
17 db.Employee_073.find();
18 db.Employee_073.deleteOne({ID:104});
19 db.Employee_073.find();
20 db.Employee_073.aggregate([
  {
    "$group": {
      "_id": "$Address",
      "max_ID": {
        "$max": "$ID"
      }
    }
  }
]);

```

60004210073_Anay Shah_BDIExp-9

STDIN

Input for the program (Optional)

```

{
  "_id": "Santacruz",
  "max_ID": 101
},
{
  "_id": "Thane",
  "max_ID": 102
},
{
  "_id": "Sewri",
  "max_ID": 103
},
{
  "_id": "Nariman Point",
  "max_ID": 104
}

```

script.js

```

1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({_id:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
7 db.Employee_073.insertOne({_ID:102,Name:'Rishab',Address:'Thane'});
8 db.Employee_073.find();
9 db.Employee_073.insertMany([{ID:103,Name:'Karan',Address:'Sewri'},{ID:104,Name:'Param',Address:'Nariman Point'}]);
10 db.Employee_073.find();
11 db.Employee_073.find({Name:'Anay'});
12 db.Employee_073.updateOne({_ID:101},{$set:{Address:'Nariman Point'}});
13 db.Employee_073.find();
14 db.Employee_073.updateMany({Address:'Santacruz'},{$set:{Address:'Nariman Point'}});
15 db.Employee_073.find();
16 db.Employee_073.update({Name:'Anay'},{$set:{Mobile:9876543210}});
17 db.Employee_073.find();
18 db.Employee_073.deleteOne({_ID:104});
19 db.Employee_073.find();
20 db.Employee_073.aggregate([{$group:{_id:"$Address",max_ID:{$max:"$ID"}}}]);
21 db.Employee_073.updateMany({Name:'Anay'},{$set:{Salary:100000}});
22 db.Employee_073.updateMany({Name:'Param'},{$set:{Salary:10000}});
23 db.Employee_073.updateMany({Name:'Karan'},{$set:{Salary:1000}});
24 db.Employee_073.updateMany({Name:'Rishab'},{$set:{Salary:1000}});
25
26
27
28
29

```

STDIN

Input for the program (Optional)

```

{
  "_id": ObjectId("660c477297d8e198e40179c"), "ID": 101, "Name": "Anay",
  "_id": ObjectId("660c477297d8e198e40179d"), "ID": 102, "Name": "Rishab",
  "_id": ObjectId("660cc6520c429d2b04145688"), "ID": 101, "Name": "Karan",
  "_id": ObjectId("660cc6520c429d2b04145689"), "ID": 102, "Name": "Param",
  "_id": ObjectId("660cc6520c429d2b0414568a"), "ID": 103, "Name": "Nariman Point",
  "_id": ObjectId("660cc6520c429d2b04145683"), "ID": 101, "Name": "Santacruz",
  "_id": ObjectId("660cc6f75a1cb69e8a0ec0d4"), "ID": 102, "Name": "Thane",
  "_id": ObjectId("660cc6f75a1cb69e8a0ec0d5"), "ID": 103, "Name": "Sewri",
  "_id": ObjectId("660cc940c638b6aaa7747564"), "ID": 101, "Name": "Pune",
  "_id": ObjectId("660cc940c638b6aaa7747565"), "ID": 102, "Name": "Mumbai",
  "_id": ObjectId("660cc940c638b6aaa7747566"), "ID": 103, "Name": "Gujarat",
  "_id": ObjectId("660cc940c638b6aaa7747567"), "ID": 104, "Name": "Uttar Pradesh",
  "_id": ObjectId("660cc9ed78e8d440bc9b0ae"), "ID": 101, "Name": "Haryana",
  "_id": ObjectId("660cc9ed78e8d440bc9b0af"), "ID": 102, "Name": "Himachal Pradesh",
  "_id": ObjectId("660cc9ed78e8d440bc9b0bb"), "ID": 103, "Name": "Jammu & Kashmir",
  "_id": ObjectId("660cc9ed78e8d440bc9b0b1"), "ID": 104, "Name": "Rajasthan",
  "_id": ObjectId("660cc9e2c2ddd70eda52c"), "ID": 101, "Name": "Karnataka",
  "_id": ObjectId("660cc9e2c2ddd70eda52c9c112f0de"), "ID": 101, "Name": "Andhra Pradesh",
  "_id": ObjectId("660ccc92ce5252c9c112f0fd"), "ID": 102, "Name": "Tamil Nadu",
  "_id": ObjectId("660ccc92ce5252c9c112f0e0"), "ID": 103, "Name": "Madhya Pradesh",
  Type "it" for more
  {"_id": "Thane", "max_ID": 102 },
  {"_id": "Pune", "max_ID": 102 },
  {"_id": "Mumbai", "max_ID": 103 },
  {"_id": "Sewri", "max_ID": 103 },
  {"_id": "Nariman Point", "max_ID": 101 },
  {"_id": "Gujarat", "max_ID": 104 },
  {""acknowledged": true, "matchedCount": 8, "modifiedCount": 1 },
  {""acknowledged": true, "matchedCount": 4, "modifiedCount": 1 },
  {""acknowledged": true, "matchedCount": 6, "modifiedCount": 6 },
  {""acknowledged": true, "matchedCount": 6, "modifiedCount": 6 }
}

```

script.js

```

1 show databases;
2 use admin;
3 show collections;
4 db.createCollection('Employee_073');
5 db.Employee_073.insert({_id:101,Name:'Anay',Address:'Santacruz'});
6 db.Employee_073.find();
7 db.Employee_073.insertOne({_ID:102,Name:'Rishab',Address:'Thane'});
8 db.Employee_073.find();
9 db.Employee_073.insertMany([{ID:103,Name:'Karan',Address:'Sewri'},{ID:104,Name:'Param',Address:'Nariman Point'}]);
10 db.Employee_073.find();
11 db.Employee_073.find({Name:'Anay'});
12 db.Employee_073.updateOne({_ID:101},{$set:{Address:'Nariman Point'}});
13 db.Employee_073.find();
14 db.Employee_073.updateMany({Address:'Santacruz'},{$set:{Address:'Nariman Point'}});
15 db.Employee_073.find();
16 db.Employee_073.update({Name:'Anay'},{$set:{Mobile:9876543210}});
17 db.Employee_073.find();
18 db.Employee_073.deleteOne({_ID:104});
19 db.Employee_073.find();
20 db.Employee_073.aggregate([{$group:{_id:"$Address",max_ID:{$max:"$ID"}}}]);
21 db.Employee_073.updateMany({Name:'Anay'},{$set:{Salary:100000}});
22 db.Employee_073.updateMany({Name:'Param'},{$set:{Salary:10000}});
23 db.Employee_073.updateMany({Name:'Karan'},{$set:{Salary:1000}});
24 db.Employee_073.updateMany({Name:'Rishab'},{$set:{Salary:1000}});
25 db.Employee_073.find();
26 db.Employee_073.insertOne({_ID:105,Name:'Krish',Address:'Thane',Salary:5000});
27 db.Employee_073.find({$and:[{Address:'Thane'}, {Salary:{$gt:4000}}]});
28
29

```

STDIN

Input for the program (Optional)

```

{
  "acknowledged": true,
  "insertedCount": 1,
  "insertedId": ObjectId("660cce547fe53e44048a28"),
  "matchedCount": 1,
  "modifiedCount": 1
}
{
  "_id": ObjectId("660ccdf4093f0877123bd882"), "ID": 102, "Name": "Thane",
  "_id": ObjectId("660ccdf4093f0877123bd883"), "ID": 103, "Name": "Sewri",
  "_id": ObjectId("660ccdf5368acd17bdccb6d4"), "ID": 101, "Name": "Anay",
  "_id": ObjectId("660ccdf5368acd17bdccb6d5"), "ID": 102, "Name": "Rishab",
  "_id": ObjectId("660ccdf5368acd17bdccb6d6"), "ID": 103, "Name": "Karan",
  "_id": ObjectId("660ccdf5368acd17bdccb6d7"), "ID": 104, "Name": "Param",
  "_id": ObjectId("660ccdf5368acd17bdccb6e1"), "ID": 105, "Name": "Krish",
  "_id": ObjectId("660cce79ccb01992cb37e7a6"), "ID": 101, "Name": "Haryana",
  "_id": ObjectId("660cce79ccb01992cb37e7a7"), "ID": 102, "Name": "Himachal Pradesh",
  "_id": ObjectId("660cce79ccb01992cb37e7a8"), "ID": 103, "Name": "Jammu & Kashmir",
  "_id": ObjectId("660cce79ccb01992cb37e7a9"), "ID": 104, "Name": "Rajasthan",
  Type "it" for more
  {
    "acknowledged": true,
    "insertedId": ObjectId("660cce547fe53e44048a28")
  }
{
  "_id": ObjectId("660ccdf5368acd17bdccb6e1"), "ID": 105, "Name": "Krish",
  "_id": ObjectId("660cce79ccb01992cb37e7a7a"), "ID": 105, "Name": "Krish",
  "_id": ObjectId("660cce547fe53e44048a28"), "ID": 105, "Name": "Krish"
}

```