

```
show dbs
```

```
admin 40.00 KiB
```

```
config 60.00 KiB
```

```
local 40.00 KiB
```

```
db.createCollection('employee')
```

```
{ ok: 1 }
```

```
show collections
```

```
employee
```

```
db.employee.insertOne({empid:101,name:'poonam',contactno:[1234567890],salary:50000})
```

```
;
```

```
{
```

```
  acknowledged: true,
```

```
  insertedId: ObjectId('68d7d9d9e927b9ccb2d0adb3')
```

```
}
```

```
db.employee.insertOne({empid:102,name:'mahek',contactno:[1234567891],salary:40000});
```

```
{
```

```
  acknowledged: true,
```

```
  insertedId: ObjectId('68d7d9f5e927b9ccb2d0adb4')
```

```
}
```

```
db.employee.insertOne({empid:103,name:'divya',contactno:[1234567892],salary:30000});
```

```
{
```

```
  acknowledged: true,
```

```
  insertedId: ObjectId('68d7da03e927b9ccb2d0adb5')
```

```
}
```

```
db.employee.find()
```

```
{
```

```
  _id: ObjectId('68d7d9d9e927b9ccb2d0adb3'),
```

```
empid: 101,
name: 'poonam',
contactno: [
  1234567890
],
salary: 50000
}
{
  _id: ObjectId('68d7d9f5e927b9ccb2d0adb4'),
empid: 102,
name: 'mahek',
contactno: [
  1234567891
],
salary: 40000
}
{
  _id: ObjectId('68d7da03e927b9ccb2d0adb5'),
empid: 103,
name: 'divya',
contactno: [
  1234567892
],
salary: 30000
}
db.emp.find({empid:101})
db.employee.find({empid:101})
{
```

```
_id: ObjectId('68d7d9d9e927b9ccb2d0adb3'),
empid: 101,
name: 'poonam',
contactno: [
  1234567890
],
salary: 50000
}
```

```
db.employee.update({empid:102},{set:{name:'gayatri'}})
```

DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.

```
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

```
db.employee.updateOne({empid:102},{set:{name:'gayatri'}})
```

```
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 0,
  upsertedCount: 0
}
```

```
db.employee.find()
```

```
{
```

```
_id: ObjectId('68d7d9d9e927b9ccb2d0adb3'),
empid: 101,
name: 'poonam',
contactno: [
  1234567890
],
salary: 50000
}
{
  _id: ObjectId('68d7d9f5e927b9ccb2d0adb4'),
  empid: 102,
  name: 'gayatri',
  contactno: [
    1234567891
  ],
  salary: 40000
}
{
  _id: ObjectId('68d7da03e927b9ccb2d0adb5'),
  empid: 103,
  name: 'divya',
  contactno: [
    1234567892
  ],
  salary: 30000
}
db.employee.find({ salary: { $gt: 45000 } })
{
```

```
_id: ObjectId('68d7d9d9e927b9ccb2d0adb3'),
empid: 101,
name: 'poonam',
contactno: [
  1234567890
],
salary: 50000
}
db.employee.find({empid:{$ne:102}})
{
  _id: ObjectId('68d7d9d9e927b9ccb2d0adb3'),
  empid: 101,
  name: 'poonam',
  contactno: [
    1234567890
  ],
  salary: 50000
}
{
  _id: ObjectId('68d7da03e927b9ccb2d0adb5'),
  empid: 103,
  name: 'divya',
  contactno: [
    1234567892
  ],
  salary: 30000
}
```

Q:

show dbs

admin 40.00 KiB

config 108.00 KiB

local 40.00 KiB

test 80.00 KiB

```
db.createCollection('emp');
```

```
{ ok: 1 }
```

```
db.createCollection('company');
```

```
{ ok: 1 }
```

```
db.createCollection('product');
```

```
{ ok: 1 }
```

show collections

company

emp

employee

product

```
db.emp.insertOne({empid:101,name:'poonam',role:'HR',contactno:[1234567890],salary:7000});
```

```
{
```

```
  acknowledged: true,
```

```
  insertedId: ObjectId('68d7decb65ff8a85fd48e4c4')
```

```
}
```

```
b.emp.insertOne({empid:102,name:'gayatri',role:'Tester',contactno:[1254567890],salary:4000});
```

[ReferenceError:](#) b is not defined

```
db.emp.insertOne({empid:102,name:'gayatri',role:'Tester',contactno:[1254567890],salary:4000});
```

```
{
```

```
    acknowledged: true,
    insertedId: ObjectId('68d7df4565ff8a85fd48e4c5')
  }
  db.emp.insertOne({empid:103,name:'pratiksha',role:'manager',contactno:[4254567890],salary:30000});
  {
    acknowledged: true,
    insertedId: ObjectId('68d7df7565ff8a85fd48e4c6')
  }
  db.emp.find();
  {
    _id: ObjectId('68d7decb65ff8a85fd48e4c4'),
    empid: 101,
    name: 'poonam',
    role: 'HR',
    contactno: [
      1234567890
    ],
    salary: 70000
  }
  {
    _id: ObjectId('68d7df4565ff8a85fd48e4c5'),
    empid: 102,
    name: 'gayatri',
    role: 'Tester',
    contactno: [
      1254567890
    ],
```

```

    salary: 40000
  }
  {
    _id: ObjectId('68d7df7565ff8a85fd48e4c6'),
    empid: 103,
    name: 'pratiksha',
    role: 'manager',
    contactno: [
      4254567890
    ],
    salary: 30000
  }
db.company.insertMany({companyid:101,cname:'reconinfotec',location:'mumbai'});
MongoInvalidArgumentError: Argument "docs" must be an array of documents
db.company.insertOne({companyid:101,cname:'reconinfotec',location:'mumbai'});
{
  acknowledged: true,
  insertedId: ObjectId('68d7e07565ff8a85fd48e4c7')
}
db.company.insertOne({companyid:102,cname:'recon',location:'pune'});
{
  acknowledged: true,
  insertedId: ObjectId('68d7e09165ff8a85fd48e4c8')
}
db.company.insertOney({companyid:103,cname:'infotec',location:'dsambhajinagar'});
TypeError: db.company.insertOney is not a function
db.company.insertOne({companyid:103,cname:'infotec',location:'sambhajinagar'});
{

```



```
    acknowledged: true,
    insertedId: ObjectId('68d7e0dd65ff8a85fd48e4c9')
  }
  db.company.find();
  {
    _id: ObjectId('68d7e07565ff8a85fd48e4c7'),
    companyid: 101,
    cname: 'reconinfotec',
    location: 'mumbai'
  }
  {
    _id: ObjectId('68d7e09165ff8a85fd48e4c8'),
    companyid: 102,
    cname: 'recon',
    location: 'pune'
  }
  {
    _id: ObjectId('68d7e0dd65ff8a85fd48e4c9'),
    companyid: 103,
    cname: 'infotec',
    location: 'sambhajinagar'
  }

  db.product.insertOne({pid:101,pname:'laptop',price:80000});
  {
    acknowledged: true,
    insertedId: ObjectId('68d7e19b65ff8a85fd48e4ca')
  }
```

```
db.product.insertOne({pid:102,pname:'tab',price:30000});
{
  acknowledged: true,
  insertedId: ObjectId('68d7e1c365ff8a85fd48e4cb')
}
db.product.insertOne({pid:103,pname:'mobile',price:60000});
{
  acknowledged: true,
  insertedId: ObjectId('68d7e1d765ff8a85fd48e4cc')
}
db.product.find();
{
  _id: ObjectId('68d7e19b65ff8a85fd48e4ca'),
  pid: 101,
  pname: 'laptop',
  price: 80000
}
{
  _id: ObjectId('68d7e1c365ff8a85fd48e4cb'),
  pid: 102,
  pname: 'tab',
  price: 30000
}
{
  _id: ObjectId('68d7e1d765ff8a85fd48e4cc'),
  pid: 103,
  pname: 'mobile',
  price: 60000
}
```

```
}  
  
db.company.findOne({location:'mumbai'});  
  
{  
  _id: ObjectId('68d7e07565ff8a85fd48e4c7'),  
  companyid: 101,  
  cname: 'reconinfotec',  
  location: 'mumbai'  
}  
  
db.emp.findOne({role:'HR'});  
  
{  
  _id: ObjectId('68d7decb65ff8a85fd48e4c4'),  
  empid: 101,  
  name: 'poonam',  
  role: 'HR',  
  contactno: [  
    1234567890  
  ],  
  salary: 70000  
}  
  
db.emp.findOne({salary:{$gt:50000}});  
  
{  
  _id: ObjectId('68d7decb65ff8a85fd48e4c4'),  
  empid: 101,  
  name: 'poonam',  
  role: 'HR',  
  contactno: [  
    1234567890  
  ],  
}
```

```
    salary: 70000
  }
  db.product.findOne({price:{$gt:20000}});
  {
    _id: ObjectId('68d7e19b65ff8a85fd48e4ca'),
    pid: 101,
    pname: 'laptop',
    price: 80000
  }
  db.emp.updateOne({salary:{$lt:50000}},{$inc:{salary:30000}});
  {
    acknowledged: true,
    insertedId: null,
    matchedCount: 1,
    modifiedCount: 1,
    upsertedCount: 0
  }
  db.product.find();
  {
    _id: ObjectId('68d7e19b65ff8a85fd48e4ca'),
    pid: 101,
    pname: 'laptop',
    price: 80000
  }
  {
    _id: ObjectId('68d7e1c365ff8a85fd48e4cb'),
    pid: 102,
    pname: 'tab',
```

```
    price: 30000
  }
  {
    _id: ObjectId('68d7e1d765ff8a85fd48e4cc'),
    pid: 103,
    pname: 'mobile',
    price: 60000
  }
  db.emp.findOne({empid:{$gte:100}});
  {
    _id: ObjectId('68d7decb65ff8a85fd48e4c4'),
    empid: 101,
    name: 'poonam',
    role: 'HR',
    contactno: [
      1234567890
    ],
    salary: 70000
  }
```