```
ironic@iRONiC:~$ sudo systemctl start mongod
[sudo] password for ironic:
Sorry, try again.
[sudo] password for ironic:
ironic@iRONiC:~$ sudo systemctl status mongod
● mongod.service - MongoDB Database Server
     Loaded: loaded (/lib/systemd/system/mongod.service; disabled; vendor preset: enabled)
     Active: active (running) since Sat 2023-04-29 19:18:13 IST; 6s ago
       Docs: https://docs.mongodb.org/manual
   Main PID: 1992 (mongod)
     Memory: 305.5M
        CPU: 2.478s
     CGroup: /system.slice/mongod.service
             └─1992 /usr/bin/mongod --config /etc/mongod.conf

Apr 29 19:18:13 iRONiC systemd[1]: Started MongoDB Database Server.
ironic@iRONiC:~$ mongosh
Current Mongosh Log ID: 644d2031235aee2e787ef135
Connecting to:          mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTime…
Using MongoDB:          6.0.5
Using Mongosh:          1.8.2

For mongosh info see: https://docs.mongodb.com/mongodb-shell/

------
   The server generated these startup warnings when booting
   2023-04-29T19:18:17.088+05:30: Using the XFS filesystem is strongly recommended with the …
   2023-04-29T19:18:21.737+05:30: Access control is not enabled for the database. Read and w…
   2023-04-29T19:18:21.738+05:30: vm.max_map_count is too low
------

------
   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 t…
   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…
------

test> help

  Shell Help:

    use                                   Set current database
    show                                  'show databases'/'show dbs': Print a list of …
                                          'show collections'/'show tables': Print a lis…
                                          'show profile': Prints system.profile informa…
                                          'show users': Print a list of all users for c…
                                          'show roles': Print a list of all roles for c…
                                          'show log <type>': log for current connection…
                                          'show logs': Print all logs.

    exit                                  Quit the MongoDB shell with exit/exit()/.exit
    quit                                  Quit the MongoDB shell with quit/quit()
    Mongo                                 Create a new connection and return the Mongo …
    connect                               Create a new connection and return the Databa…
    it                                    result of the last line evaluated; use to fur…
    version                               Shell version
    load                                  Loads and runs a JavaScript file into the cur…
    enableTelemetry                       Enables collection of anonymous usage data to…
    disableTelemetry                      Disables collection of anonymous usage data t…
    passwordPrompt                        Prompts the user for a password
    sleep                                 Sleep for the specified number of milliseconds
```

```
        print                              Prints the contents of an object to the output
        printjson                          Alias for print()
        convertShardKeyToHashed            Returns the hashed value for the input using …
        cls                                Clears the screen like console.clear()
        isInteractive                      Returns whether the shell will enter or has e…

    For more information on usage: https://docs.mongodb.com/manual/reference/method
test> version
[Function (anonymous)] { help: [Function (anonymous)] Help }
test> 2+5
7
test> "helloMongo".toUpperCase()
HELLOMONGO
test> db
test
test> show dbs
admin    40.00 KiB
config   72.00 KiB
local    72.00 KiB
test> show databases
admin    40.00 KiB
config   72.00 KiB
local    72.00 KiB
test> use firstDB
switched to db firstDB
firstDB> show dbs
admin    40.00 KiB
config   72.00 KiB
local    72.00 KiB
firstDB> db
firstDB
firstDB>
(To exit, press Ctrl+C again or Ctrl+D or type .exit)
firstDB>
ironic@iRONiC:~$ mongosh
Current Mongosh Log ID: 644d2285b3f8b2cc9d8a3108
Connecting to:          mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTime…
Using MongoDB:          6.0.5
Using Mongosh:          1.8.2

For mongosh info see: https://docs.mongodb.com/mongodb-shell/

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------


test> show dbs
admin    40.00 KiB
config   72.00 KiB
local    72.00 KiB
test> use animalShelter
switched to db animalShelter
```

```
animalShelter> db
animalShelter
animalShelter> show collections

animalShelter> db.dogs.insert({ name: "charlie", age: 3, breed: "corgi, catFriendly: true})
Uncaught:
SyntaxError: Unterminated string constant. (1:49)

> 1 | db.dogs.insert({ name: "charlie", age: 3, breed: "corgi, catFriendly: true})
    |                                                 ^
  2 |

animalShelter> db.dogs.insert({ name: "charlie", age: 3, breed: "corgi", catFriendly: true})
DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWri…
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("644d2397b3f8b2cc9d8a3109") }
}
animalShelter> show collections
dogs
animalShelter> db.dogs.find()
[
  {
    _id: ObjectId("644d2397b3f8b2cc9d8a3109"),
    name: 'charlie',
    age: 3,
    breed: 'corgi',
    catFriendly: true
  }
]
animalShelter> db.dogs.insert([{ name: "wyatt", breed: "golden retriever", age: 14, catFrien…
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId("644d249db3f8b2cc9d8a310a"),
    '1': ObjectId("644d249db3f8b2cc9d8a310b")
  }
}
animalShelter> db.dogs.find()
[
  {
    _id: ObjectId("644d2397b3f8b2cc9d8a3109"),
    name: 'charlie',
    age: 3,
    breed: 'corgi',
    catFriendly: true
  },
  {
    _id: ObjectId("644d249db3f8b2cc9d8a310a"),
    name: 'wyatt',
    breed: 'golden retriever',
    age: 14,
    catFriendly: false
  },
  {
    _id: ObjectId("644d249db3f8b2cc9d8a310b"),
    name: 'Tonya',
    breed: 'chihuahua',
    age: 17,
    catFriendly: true
  }
]
animalShelter> db.cats.insert({ name: "blue", age: 6, dogFriendly: false, breed: "scottish f…
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("644d2556b3f8b2cc9d8a310c") }
}
```

```
animalShelter> db.cats.find()
[
  {
    _id: ObjectId("644d2556b3f8b2cc9d8a310c"),
    name: 'blue',
    age: 6,
    dogFriendly: false,
    breed: 'scottish fold'
  }
]
animalShelter> db.dogs.find()
[
  {
    _id: ObjectId("644d2397b3f8b2cc9d8a3109"),
    name: 'charlie',
    age: 3,
    breed: 'corgi',
    catFriendly: true
  },
  {
    _id: ObjectId("644d249db3f8b2cc9d8a310a"),
    name: 'wyatt',
    breed: 'golden retriever',
    age: 14,
    catFriendly: false
  },
  {
    _id: ObjectId("644d249db3f8b2cc9d8a310b"),
    name: 'Tonya',
    breed: 'chihuahua',
    age: 17,
    catFriendly: true
  }
]
animalShelter> show collections
cats
dogs
animalShelter> use local
switched to db local
local> db.dogs.find()

local> use animalShelter
switched to db animalShelter
animalShelter> db.cats.find()
[
  {
    _id: ObjectId("644d2556b3f8b2cc9d8a310c"),
    name: 'blue',
    age: 6,
    dogFriendly: false,
    breed: 'scottish fold'
  }
]
animalShelter>
```