```
prateek@ubuntu:~$ mongo
MongoDB shell version v4.4.1
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("6cad336d-351f-4f1e-80fc-79e957312bd4") }
MongoDB server version: 3.6.3
WARNING: shell and server versions do not match
---
The server generated these startup warnings when booting:
2020-09-24T10:38:54.871+0530 I STORAGE  [initandlisten]
2020-09-24T10:38:54.871+0530 I STORAGE  [initandlisten] ** WARNING: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine
2020-09-24T10:38:54.871+0530 I STORAGE  [initandlisten] **          See http://dochub.mongodb.org/core/prodnotes-filesystem
2020-09-24T10:38:57.869+0530 I CONTROL  [initandlisten]
2020-09-24T10:38:57.869+0530 I CONTROL  [initandlisten] ** WARNING: Access control is not enabled for the database.
2020-09-24T10:38:57.869+0530 I CONTROL  [initandlisten] **          Read and write access to data and configuration is unrestricted.
2020-09-24T10:38:57.869+0530 I CONTROL  [initandlisten]
---
> show dbs
admin   0.000GB
config  0.000GB
local   0.000GB
mydb    0.000GB
> use collegedb;
switched to db collegedb
> db.createCollection("Student");
{ "ok" : 1 }
> db.createCollection("Faculty");
{ "ok" : 1 }
> db.createCollection("COE");
{ "ok" : 1 }
> db.createCollection("Library");
{ "ok" : 1 }
> db.createCollection("Admission");
{ "ok" : 1 }
```

```
> db.createCollection("Admission");
{ "ok" : 1 }
> show collections;
Admission
COE
Faculty
Library
Student
> db.Student.insert({_id:1,StudName:"Prateek",Grade:"X",Hobbies:"abcde"});
WriteResult({ "nInserted" : 1 })
> db.Student.insert({_id:2,StudName:"Rahul",Grade:"X",Hobbies:"Piano"});
WriteResult({ "nInserted" : 1 })
> db.Student.insert({_id:3,StudName:"wali",Grade:"X",Hobbies:"guitar"});
WriteResult({ "nInserted" : 1 })
> db.faculty.insert({_tid:1,TeacherName:"Pallavi G.B",subject:"BDA"});
WriteResult({ "nInserted" : 1 })
> db.faculty.insert({_tid:2,TeacherName:"Rajeshwari",subject:"DSR"});
WriteResult({ "nInserted" : 1 })
> db.faculty.insert({_tid:3,TeacherName:"Madhavi R.P",subject:"PSQ"});
WriteResult({ "nInserted" : 1 })
> db.faculty.insert({_tid:4,TeacherName:"Umadevi",subject:"HOD"});
WriteResult({ "nInserted" : 1 })
> show collections;
Admission
COE
Faculty
Library
Student
faculty
> drop collection Faculty;
uncaught exception: SyntaxError: unexpected token: identifier :
@(shell):1:5
> db.Faculty.drop();
true
```

```
> show collections;
Admission
COE
Library
Student
faculty
> faculty.describe();
uncaught exception: ReferenceError: faculty is not defined :
@(shell):1:1
> db.faculty.describe();
uncaught exception: TypeError: db.faculty.describe is not a function :
@(shell):1:1
> db.
...
... ^C

> db.faculty.find()
{ "_id" : ObjectId("5f6c8994b9c7ce947b751932"), "_tid" : 1, "TeacherName" : "Pallavi G.B", "subject" : "BDA" }
{ "_id" : ObjectId("5f6c89afb9c7ce947b751933"), "_tid" : 2, "TeacherName" : "Rajeshwari", "subject" : "DSR" }
{ "_id" : ObjectId("5f6c89cfb9c7ce947b751934"), "_tid" : 3, "TeacherName" : "Madhavi R.P", "subject" : "PSQ" }
{ "_id" : ObjectId("5f6c89ecb9c7ce947b751935"), "_tid" : 4, "TeacherName" : "Umadevi", "subject" : "HOD" }
> db.Library.insert(name:"APJ Abdul Kalam",designation:"Head Librarian");
uncaught exception: SyntaxError: missing ) after argument list :
@(shell):1:22
> db.Library.insert({name:"APJ Abdul Kalam",designation:"Head Librarian"});
WriteResult({ "nInserted" : 1 })
> db.Library.insert({name:"Panav Mukherjee",designation:"Assistant to head librarin"});
WriteResult({ "nInserted" : 1 })
> db.Library.insert({name:"Sardar Vallab Bhai Patel",designation:"Recptionist"});
WriteResult({ "nInserted" : 1 })
> db.Library.insert({name:"Kedia",designation:"Guard"});
WriteResult({ "nInserted" : 1 })
> db.library.find()
> show collections;
Admission
COE
Library
```

```
> show collections;
Admission
COE
College Festival
Library
Student
faculty
> db.Student.find();
{ "_id" : 1, "StudName" : "Prateek", "Grade" : "X", "Hobbies" : "abcde" }
{ "_id" : 2, "StudName" : "Rahul", "Grade" : "X", "Hobbies" : "Piano" }
{ "_id" : 3, "StudName" : "wali", "Grade" : "X", "Hobbies" : "guitar" }
> db.faculty().find();
uncaught exception: TypeError: db.faculty is not a function :
@(shell):1:1
> db.faculty.find();
{ "_id" : ObjectId("5f6c8994b9c7ce947b751932"), "_tid" : 1, "TeacherName" : "Pallavi G.B", "subject" : "BDA" }
{ "_id" : ObjectId("5f6c89afb9c7ce947b751933"), "_tid" : 2, "TeacherName" : "Rajeshwari", "subject" : "DSR" }
{ "_id" : ObjectId("5f6c89cfb9c7ce947b751934"), "_tid" : 3, "TeacherName" : "Madhavi R.P", "subject" : "PSQ" }
{ "_id" : ObjectId("5f6c89ecb9c7ce947b751935"), "_tid" : 4, "TeacherName" : "Umadevi", "subject" : "HOD" }
> db.COE.find();
{ "_id" : ObjectId("5f6c902cb9c7ce947b75193e"), "name" : "Uma Devi", "designation" : "head" }
{ "_id" : ObjectId("5f6c903ab9c7ce947b75193f"), "name" : "Uma Devi2", "designation" : "vice-head" }
{ "_id" : ObjectId("5f6c9048b9c7ce947b751940"), "name" : "Uma Devi3", "designation" : "vice-vice-head" }
{ "_id" : ObjectId("5f6c9059b9c7ce947b751941"), "name" : "Uma Devi4", "designation" : "vice-vice-vice-head" }
> db["College Festival"].find()
{ "_id" : ObjectId("5f6c8ffab9c7ce947b75193d"), "name" : "Utsav", "participants" : "5000", "venue" : "BMS Ground" }
> db.Library.find();
{ "_id" : ObjectId("5f6c8c19b9c7ce947b751936"), "name" : "APJ Abdul Kalam", "designation" : "Head Librarian" }
{ "_id" : ObjectId("5f6c8c37b9c7ce947b751937"), "name" : "Panav Mukherjee", "designation" : "Assistant to head librarin" }
{ "_id" : ObjectId("5f6c8c69b9c7ce947b751938"), "name" : "Sardar Vallab Bhai Patel", "designation" : "Recptionist" }
{ "_id" : ObjectId("5f6c8c84b9c7ce947b751939"), "name" : "Kedia", "designation" : "Guard" }
>
```