```
[student@ACA8FD0C ~]$ su
Password:
su: Authentication failure
[student@ACA8FD0C ~]$ su
Password:
[root@ACA8FD0C student]# systemctl start mongod.service

[root@ACA8FD0C student]#
[root@ACA8FD0C student]# mongo
MongoDB shell version: 2.4.6
connecting to: test
Welcome to the MongoDB shell.
For interactive help, type "help".
For more comprehensive documentation, see
        http://docs.mongodb.org/
Questions? Try the support group
        http://groups.google.com/group/mongodb-user
>
[1]+  Stopped                 mongo
[root@ACA8FD0C student]# clear
 [3;J
[root@ACA8FD0C student]# mongo
MongoDB shell version: 2.4.6
connecting to: test
> USE TE;
Fri Aug 31 14:41:33.027 SyntaxError: Unexpected identifier
> SHOW DBS;
Fri Aug 31 14:41:41.327 SyntaxError: Unexpected identifier
> show dbs;
local 0.078125GB
> use TE;
switched to db TE
> db.createCollection("a1")
{ "ok" : 1 }
> show dbs;
TE    0.203125GB
local 0.078125GB
> db.a1.insert({rno:1,name:'abc'})
> db.a1.insert([{rno:1,name:'abc'},{rno}])
Fri Aug 31 14:47:34.415 SyntaxError: Unexpected token }
> db.a1.insert([{rno:3,name:'lmn'},{rno:2,name:'xyz'}])
> db.a1.find()
{ "_id" : ObjectId("5b89077cb1799106c0b9214e"), "rno" : 1, "name" : "abc"
}
{ "_id" : ObjectId("5b8907ccb1799106c0b9214f"), "rno" : 3, "name" : "lmn"
}
{ "_id" : ObjectId("5b8907ccb1799106c0b92150"), "rno" : 2, "name" : "xyz"
}
> db.a1.find({})
{ "_id" : ObjectId("5b89077cb1799106c0b9214e"), "rno" : 1, "name" : "abc"
}
{ "_id" : ObjectId("5b8907ccb1799106c0b9214f"), "rno" : 3, "name" : "lmn"
}
```

```
{ "_id" : ObjectId("5b8907ccb1799106c0b92150"), "rno" : 2, "name" : "xyz"
}
> db.a1.find({},{})
{ "_id" : ObjectId("5b89077cb1799106c0b9214e"), "rno" : 1, "name" : "abc"
}
{ "_id" : ObjectId("5b8907ccb1799106c0b9214f"), "rno" : 3, "name" : "lmn"
}
{ "_id" : ObjectId("5b8907ccb1799106c0b92150"), "rno" : 2, "name" : "xyz"
}
> db.a1.find({rno:1},{})
{ "_id" : ObjectId("5b89077cb1799106c0b9214e"), "rno" : 1, "name" : "abc"
}
> db.a1.find({rno:1},{_id:0})
{ "rno" : 1, "name" : "abc" }
> db.a1.find({rno:2},{_id:0})
{ "rno" : 2, "name" : "xyz" }
> db.a1.find({rno:2},{_id:0,name:1})
{ "name" : "xyz" }
> db.a1.find({},{_id:0,name:1})
{ "name" : "abc" }
{ "name" : "lmn" }
{ "name" : "xyz" }
> db.a1.find({},{_id:0,rno:1})
{ "rno" : 1 }
{ "rno" : 3 }
{ "rno" : 2 }
> db.a1.find({},{_id:0,rno:1,name:1})
{ "rno" : 1, "name" : "abc" }
{ "rno" : 3, "name" : "lmn" }
{ "rno" : 2, "name" : "xyz" }
> db.a1.find({},{_id:0,rno:1,name:0})
error: {
        "$err" : "You cannot currently mix including and excluding fields.
Contact us if this is an issue.",
        "code" : 10053
}
> db.a1.find({},{name:0})
{ "_id" : ObjectId("5b89077cb1799106c0b9214e"), "rno" : 1 }
{ "_id" : ObjectId("5b8907ccb1799106c0b9214f"), "rno" : 3 }
{ "_id" : ObjectId("5b8907ccb1799106c0b92150"), "rno" : 2 }
> db.a1.find({},{rno:1})
{ "_id" : ObjectId("5b89077cb1799106c0b9214e"), "rno" : 1 }
{ "_id" : ObjectId("5b8907ccb1799106c0b9214f"), "rno" : 3 }
{ "_id" : ObjectId("5b8907ccb1799106c0b92150"), "rno" : 2 }
> db.a1.find({},{_id:0,rno:1})
{ "rno" : 1 }
{ "rno" : 3 }
{ "rno" : 2 }
> db.a1.find({},{_id:0,rno:1,name:0})
error: {
        "$err" : "You cannot currently mix including and excluding fields.
Contact us if this is an issue.",
        "code" : 10053
}
```

```
> db.a1.find({},{_id:0,rno:1})
{ "rno" : 1 }
{ "rno" : 3 }
{ "rno" : 2 }
> db.a1.find({},{rno:1})
{ "_id" : ObjectId("5b89077cb1799106c0b9214e"), "rno" : 1 }
{ "_id" : ObjectId("5b8907ccb1799106c0b9214f"), "rno" : 3 }
{ "_id" : ObjectId("5b8907ccb1799106c0b92150"), "rno" : 2 }
> db.a1.find({},{_id:0})
{ "rno" : 1, "name" : "abc" }
{ "rno" : 3, "name" : "lmn" }
{ "rno" : 2, "name" : "xyz" }
> db.a1.update({rno:3},{$set:{name:'LMN'}});
> db.a1.find({},{_id:0})
{ "rno" : 1, "name" : "abc" }
{ "rno" : 3, "name" : "LMN" }
{ "rno" : 2, "name" : "xyz" }
> db.a1.remove({rno:2});
> db.a1.find({},{_id:0})
{ "rno" : 1, "name" : "abc" }
{ "rno" : 3, "name" : "LMN" }
>
>
> db.createCollection("a2");
{ "ok" : 1 }
> shpw tables;
Fri Aug 31 14:59:48.696 SyntaxError: Unexpected identifier
> show tables;
a1
a2
```