

```
student@student:~$ mongo
```

```
MongoDB shell version v3.4.23
```

```
connecting to: mongodb://127.0.0.1:27017
```

```
MongoDB server version: 3.4.23
```

```
Server has startup warnings:
```

```
2022-10-14T09:03:18.416+0530 I STORAGE [initandlisten]
```

```
2022-10-14T09:03:18.416+0530 I STORAGE [initandlisten] ** WARNING: Using the XFS filesystem is  
strongly recommended with the WiredTiger storage engine
```

```
2022-10-14T09:03:18.416+0530 I STORAGE [initandlisten] **      See  
http://dochub.mongodb.org/core/prodnotes-filesystem
```

```
2022-10-14T09:03:21.257+0530 I CONTROL [initandlisten]
```

```
2022-10-14T09:03:21.257+0530 I CONTROL [initandlisten] ** WARNING: Access control is not enabled  
for the database.
```

```
2022-10-14T09:03:21.257+0530 I CONTROL [initandlisten] **      Read and write access to data and  
configuration is unrestricted.
```

```
2022-10-14T09:03:21.257+0530 I CONTROL [initandlisten]
```

```
2022-10-14T09:03:21.257+0530 I CONTROL [initandlisten]
```

```
2022-10-14T09:03:21.257+0530 I CONTROL [initandlisten] ** WARNING:  
/sys/kernel/mm/transparent_hugepage/enabled is 'always'.
```

```
2022-10-14T09:03:21.257+0530 I CONTROL [initandlisten] **      We suggest setting it to 'never'
```

```
2022-10-14T09:03:21.257+0530 I CONTROL [initandlisten]
```

```
2022-10-14T09:03:21.257+0530 I CONTROL [initandlisten] ** WARNING:  
/sys/kernel/mm/transparent_hugepage/defrag is 'always'.
```

```
2022-10-14T09:03:21.257+0530 I CONTROL [initandlisten] **      We suggest setting it to 'never'
```

```
2022-10-14T09:03:21.257+0530 I CONTROL [initandlisten]
```

```
> use sanketmaddy
```

```
switched to db sanketmaddy
```

```
> db.student.insert({name:})
```

```
2022-10-14T09:30:11.584+0530 E QUERY [thread1] SyntaxError: expected expression, got ''  
@(shell):1:24
```

```
>
```

```

> db.student.insert({name:"Madhav",rollno:41,class:"TE-C"});
WriteResult({ "nInserted" : 1 })
> db.student.insert({name:"Sanket",rollno:38,class:"TE-C"});
WriteResult({ "nInserted" : 1 })
> db.student.insert({name:"Nandu",rollno:100,class:"TE-C"});
WriteResult({ "nInserted" : 1 })
> db.student.insert({name:"",rollno:34,class:"TE-C"});
WriteResult({ "nInserted" : 1 })
> db.student.insert({name:"Guru",rollno:04,class:"TE-C"});
WriteResult({ "nInserted" : 1 })
> db.student.find()
2022-10-14T09:31:55.856+0530 E QUERY [thread1] SyntaxError: unterminated string literal
@({shell}):1:17
> db.student.find();
{ "_id" : ObjectId("6348def6de1354b67aa97398"), "name" : "Madhav", "rollno" : 41, "class" : "TE-C" }
{ "_id" : ObjectId("6348df08de1354b67aa97399"), "name" : "Sanket", "rollno" : 38, "class" : "TE-C" }
{ "_id" : ObjectId("6348df12de1354b67aa9739a"), "name" : "Nandu", "rollno" : 100, "class" : "TE-C" }
{ "_id" : ObjectId("6348df1ade1354b67aa9739b"), "name" : "", "rollno" : 34, "class" : "TE-C" }
{ "_id" : ObjectId("6348df29de1354b67aa9739c"), "name" : "Guru", "rollno" : 4, "class" : "TE-C" }
> db.student.find().forEach(printjson);
{
  "_id" : ObjectId("6348def6de1354b67aa97398"),
  "name" : "Madhav",
  "rollno" : 41,
  "class" : "TE-C"
}
{
  "_id" : ObjectId("6348df08de1354b67aa97399"),
  "name" : "Sanket",

```

```
    "rollno" : 38,  
    "class" : "TE-C"  
  }  
  {  
    "_id" : ObjectId("6348df12de1354b67aa9739a"),  
    "name" : "Nandu",  
    "rollno" : 100,  
    "class" : "TE-C"  
  }  
  {  
    "_id" : ObjectId("6348df1ade1354b67aa9739b"),  
    "name" : "",  
    "rollno" : 34,  
    "class" : "TE-C"  
  }  
  {  
    "_id" : ObjectId("6348df29de1354b67aa9739c"),  
    "name" : "Guru",  
    "rollno" : 4,  
    "class" : "TE-C"  
  }  
> db.student.find().pretty();  
  
  {  
    "_id" : ObjectId("6348def6de1354b67aa97398"),  
    "name" : "Madhav",  
    "rollno" : 41,  
    "class" : "TE-C"  
  }  
  {
```

```
"_id" : ObjectId("6348df08de1354b67aa97399"),
"name" : "Sanket",
"rollno" : 38,
"class" : "TE-C"
}
```

```
{
  "_id" : ObjectId("6348df12de1354b67aa9739a"),
  "name" : "Nandu",
  "rollno" : 100,
  "class" : "TE-C"
}
```

```
{
  "_id" : ObjectId("6348df1ade1354b67aa9739b"),
  "name" : "",
  "rollno" : 34,
  "class" : "TE-C"
}
```

```
{
  "_id" : ObjectId("6348df29de1354b67aa9739c"),
  "name" : "Guru",
  "rollno" : 4,
  "class" : "TE-C"
}
```

```
> db.student.insert([{"name":"aditya",rollno=29,class="TE-C"},{"name":"omkar",rollno=90},{"name:"}]
```

```
2022-10-14T09:36:22.512+0530 E QUERY [thread1] SyntaxError: missing : after property id
@(shell):1:40
```

```
>
```

```
> db.student.insert([{"name":"aditya",rollno=29,class="TE-
C"},{"name":"omkar",rollno=90},{"name":"pratik",rollno=33}]);
```

2022-10-14T09:36:47.088+0530 E QUERY [thread1] SyntaxError: missing : after property id
@(shell):1:40

```
> db.student.insert([{name:"aditya",rollno:29,class:"TE-  
C"},{name:"omkar",rollno:90},{name:"pratik",rollno:33}]);
```

```
BulkWriteResult({  
  "writeErrors" : [ ],  
  "writeConcernErrors" : [ ],  
  "nInserted" : 3,  
  "nUpserted" : 0,  
  "nMatched" : 0,  
  "nModified" : 0,  
  "nRemoved" : 0,  
  "upserted" : [ ]  
})
```

```
> db.student.find().pretty()
```

2022-10-14T09:37:26.609+0530 E QUERY [thread1] SyntaxError: unterminated string literal
@(shell):1:26

```
> db.student.find().pretty();
```

```
{  
  "_id" : ObjectId("6348def6de1354b67aa97398"),  
  "name" : "Madhav",  
  "rollno" : 41,  
  "class" : "TE-C"  
}  
  
{  
  "_id" : ObjectId("6348df08de1354b67aa97399"),  
  "name" : "Sanket",  
  "rollno" : 38,  
  "class" : "TE-C"  
}
```

```
{
  "_id" : ObjectId("6348df12de1354b67aa9739a"),
  "name" : "Nandu",
  "rollno" : 100,
  "class" : "TE-C"
}
{
  "_id" : ObjectId("6348df1ade1354b67aa9739b"),
  "name" : "",
  "rollno" : 34,
  "class" : "TE-C"
}
{
  "_id" : ObjectId("6348df29de1354b67aa9739c"),
  "name" : "Guru",
  "rollno" : 4,
  "class" : "TE-C"
}
{
  "_id" : ObjectId("6348e068de1354b67aa9739d"),
  "name" : "aditya",
  "rollno" : 29,
  "class" : "TE-C"
}
{
  "_id" : ObjectId("6348e068de1354b67aa9739e"),
  "name" : "omkar",
  "rollno" : 90
}
```

```

{
  "_id" : ObjectId("6348e068de1354b67aa9739f"),
  "name" : "pratik",
  "rollno" : 33
}
> db.student.update({rollno:34},{ $set:{name:"ayush"}},{upsert:true})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.student.find().pretty();
{
  "_id" : ObjectId("6348def6de1354b67aa97398"),
  "name" : "Madhav",
  "rollno" : 41,
  "class" : "TE-C"
}
{
  "_id" : ObjectId("6348df08de1354b67aa97399"),
  "name" : "Sanket",
  "rollno" : 38,
  "class" : "TE-C"
}
{
  "_id" : ObjectId("6348df12de1354b67aa9739a"),
  "name" : "Nandu",
  "rollno" : 100,
  "class" : "TE-C"
}
{
  "_id" : ObjectId("6348df1ade1354b67aa9739b"),
  "name" : "ayush",

```

```
    "rollno" : 34,  
    "class" : "TE-C"  
  }  
  {  
    "_id" : ObjectId("6348df29de1354b67aa9739c"),  
    "name" : "Guru",  
    "rollno" : 4,  
    "class" : "TE-C"  
  }  
  {  
    "_id" : ObjectId("6348e068de1354b67aa9739d"),  
    "name" : "aditya",  
    "rollno" : 29,  
    "class" : "TE-C"  
  }  
  {  
    "_id" : ObjectId("6348e068de1354b67aa9739e"),  
    "name" : "omkar",  
    "rollno" : 90  
  }  
  {  
    "_id" : ObjectId("6348e068de1354b67aa9739f"),  
    "name" : "pratik",  
    "rollno" : 33  
  }  
> db.student.remove({class:"TE-B"})  
WriteResult({ "nRemoved" : 1 })  
> db.student.find().pretty();  
{
```



```
    "_id" : ObjectId("6348def6de1354b67aa97398"),
    "name" : "Madhav",
    "rollno" : 41,
    "class" : "TE-C"
  }
  {
    "_id" : ObjectId("6348df08de1354b67aa97399"),
    "name" : "Sanket",
    "rollno" : 38,
    "class" : "TE-C"
  }
  {
    "_id" : ObjectId("6348df12de1354b67aa9739a"),
    "name" : "Nandu",
    "rollno" : 100,
    "class" : "TE-C"
  }
  {
    "_id" : ObjectId("6348df1ade1354b67aa9739b"),
    "name" : "ayush",
    "rollno" : 34,
    "class" : "TE-C"
  }
  {
    "_id" : ObjectId("6348e068de1354b67aa9739d"),
    "name" : "aditya",
    "rollno" : 29,
    "class" : "TE-C"
  }
}
```

```
{
  "_id" : ObjectId("6348e068de1354b67aa9739e"),
  "name" : "omkar",
  "rollno" : 90
}
{
  "_id" : ObjectId("6348e068de1354b67aa9739f"),
  "name" : "pratik",
  "rollno" : 33
}
```