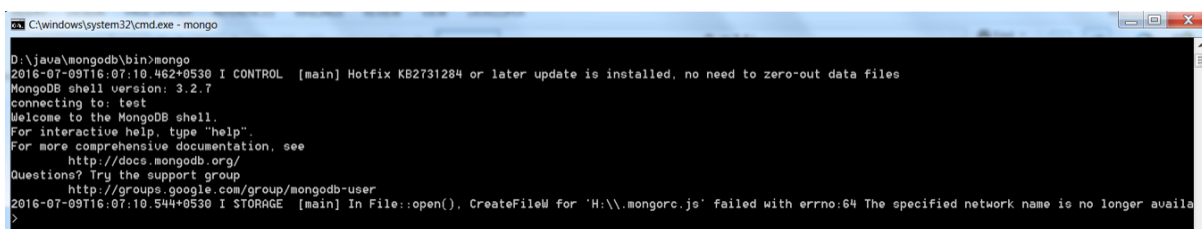


Database Create and Drop

Creating a Database

Open the command prompt and navigate to the **/bin** folder of the MongoDB using the **cd** command and execute the command **mongod** there. This will initiate the MongoDB server. We have to keep this command prompt window alive, as this is running MongoDB. To stop the MongoDB server, simply enter **exit** and press Enter.

Now, Open another command prompt and navigate to the **/bin** folder of the MongoDB again and execute the command **mongo**. This will open up the client to run the MongoDB commands.

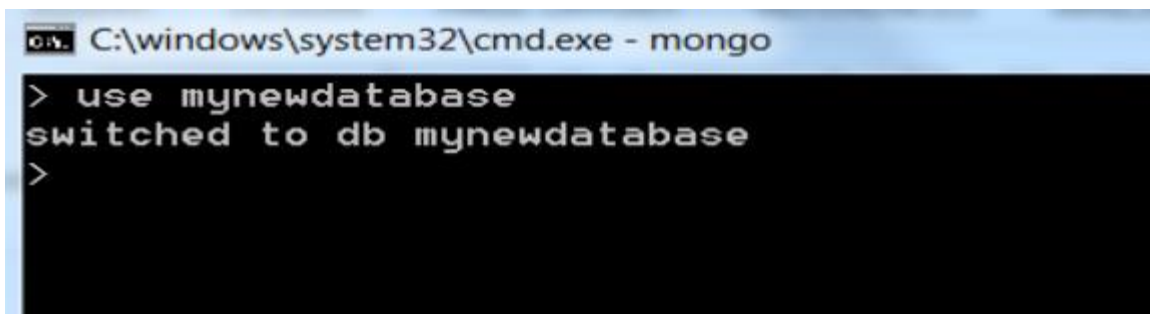


```
C:\windows\system32\cmd.exe - mongo
D:\java\mongodb\bin>mongo
2016-07-09T16:07:10.462+0530 I CONTROL [main] Hotfix KB2731284 or later update is installed, no need to zero-out data files
MongoDB shell version: 3.2.7
connecting to: test
Welcome to the MongoDB shell.
For interactive help, type "help".
For more comprehensive documentation, see
http://docs.mongodb.org/
Questions? Try the support group
http://groups.google.com/group/mongodb-user
2016-07-09T16:07:10.544+0530 I STORAGE [main] In File::open(). CreateFileW for 'H:\.mongorc.js' failed with errno:64 The specified network name is no longer available
>
```

In the command prompt window in which we ran the **mongo** command, after successfully connecting to the mongodb, just type the command the following :

```
use database_name
```

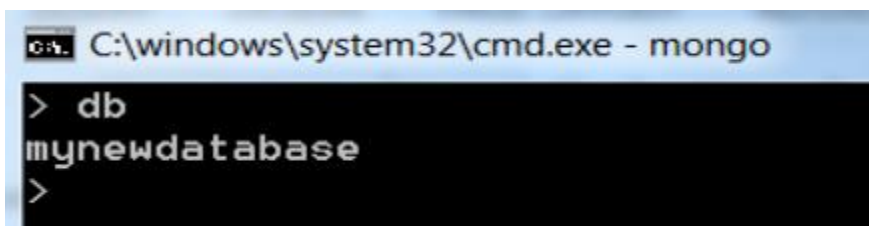
This will create a new database with the name **database_name** if there is no database already present with the same name. If a database already exists with the mentioned name, then it just connects to that database.



```
C:\windows\system32\cmd.exe - mongo
> use mynewdatabase
switched to db mynewdatabase
>
```

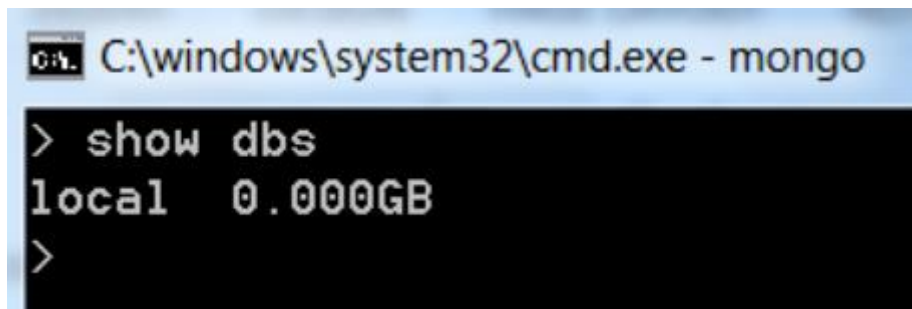
In the above picture, it creates a new database called **mynewdatabase** and will also connect to the same.

To check the current connected database, type in **db** in the command prompt window, and you will get the name of the current database as result.



```
C:\windows\system32\cmd.exe - mongo
> db
mynewdatabase
>
```

To see the list of all the databases in MongoDB, use command `show dbs`



```
C:\windows\system32\cmd.exe - mongo
> show dbs
local    0.000GB
>
```

Please note that the newly created database **mynewdatabase** has not been listed after running the above command. This is because, no records have been inserted into that database yet. Just insert one record and then run the command again as shown below:



```
C:\windows\system32\cmd.exe - mongo
> db.student.insert({"name": "Keerthi Kumar N"})
WriteResult({ "nInserted" : 1 })
> show dbs
local          0.000GB
mynewdatabase  0.000GB
test           0.000GB
>
```

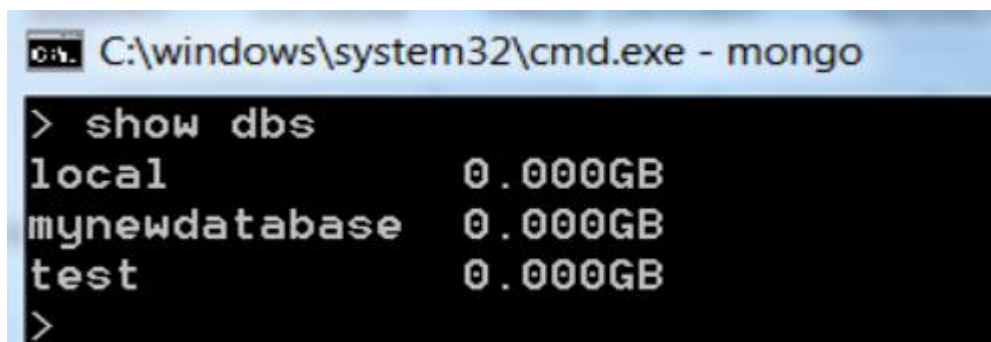
To Insert data, run the following command.

```
db.student.insert({ name : "Asreet" })
```

NOTE : In MongoDB, `test` will be the default database. If no database is created, then all the data will be stored in the `test` database.

Drop a Database

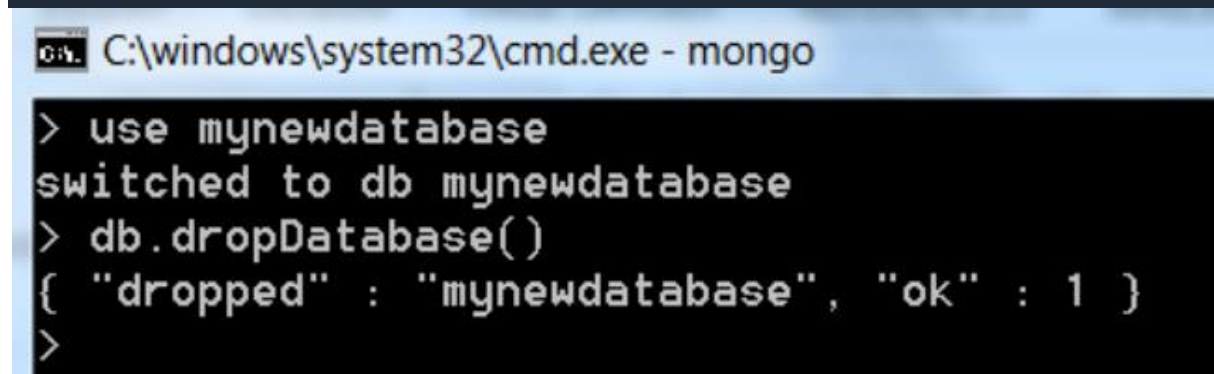
First check the list of databases available as shown below, using the `show dbs` command.



```
C:\windows\system32\cmd.exe - mongo
> show dbs
local          0.000GB
mynewdatabase  0.000GB
test           0.000GB
>
```

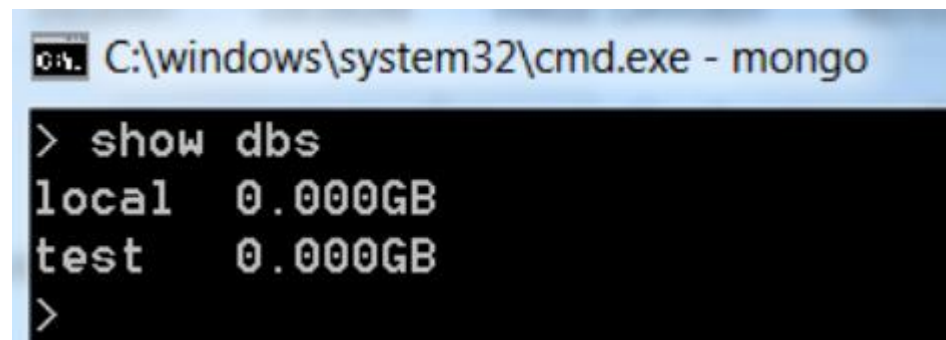
If the newly created database **mynewdatabase** has to be dropped(deleted). Run the below command to delete the database. Before deleting the database, connect to the required database which is to be deleted.

```
db.dropDatabase()
```



```
C:\windows\system32\cmd.exe - mongo
> use mynewdatabase
switched to db mynewdatabase
> db.dropDatabase()
{ "dropped" : "mynewdatabase", "ok" : 1 }
>
```

Now again check the list of databases, to verify whether the database is deleted or not.



```
C:\windows\system32\cmd.exe - mongo
> show dbs
local  0.000GB
test   0.000GB
>
```

Note that the database **mynewdatabase** has been deleted and hence, it will not be listed in the list of the databases.