1. Switch to any one database

```
> use admin
```

```
switched to db admin
```

2. Check information about the database.

```
> db.runCommand({buildInfo:1})
```

```
{
      "version" : "2.6.3",
      "gitVersion" : "255f67a66f9603c59380b2a389e386910bbb52cb",
      "OpenSSLVersion" : "",
      "sysInfo" : "Linux build12.nj1.10gen.cc 2.6.32-
431.3.1.el6.x86_64 #1 SMP Fri Jan 3 21:39:27 UTC 2014 x86_64
BOOST_LIB_VERSION=1_49",
      "loaderFlags" : "-fPIC -pthread -Wl,-z,now -rdynamic",
      "compilerFlags" : "-Wnon-virtual-dtor -Woverloaded-virtual
-fPIC -fno-strict-aliasing -ggdb -pthread -Wall -Wsign-compare -
Wno-unknown-pragmas -Winvalid-pch -pipe -Werror -O3 -Wno-unused-
function -Wno-deprecated-declarations -fno-builtin-memcmp",
      "allocator" : "tcmalloc",
      "versionArray" : [
            2,
            6,
            3,
            0
      ],
      "javascriptEngine" : "V8",
      "bits" : 64,
      "debug" : false,
      "maxBsonObjectSize" : 16777216,
      "ok" : 1
}
```

3. Limit the execution time of a Query.

```
> db.mybookstore.find().pretty().maxTimeMS(05)
```

4. Create an Error

```
> db.system.profile.find({$gt:18}).pretty().limit(1)
```

```
error: {
      "$err" : "Can't canonicalize query: BadValue unknown top level
operator: $gt",
      "code" : 17287
}
```

5. Check the last Error occurred

```
> db.getLastError()
```

```
Can't canonicalize query: BadValue unknown top level operator: $gt
```

6. Get the object of the last Error

```
> db.getLastErrorObj()
```

```
{
      "connectionId" : 3,
      "err" : "Can't canonicalize query: BadValue unknown top level
operator: $gt",
      "code" : 17287,
      "n" : 0,
      "ok" : 1
}
```

7. Check Server status

```
> db.serverStatus()
```

8. Check status of database in use

```
> db.stats()
```

```
{
        "db" : "bookstore",
        "collections" : 12,
        "objects" : 168571,
        "avgObjSize" : 74.09760872273404,
        "dataSize" : 12490708,
        "storageSize" : 23638016,
        "numExtents" : 18,
        "indexes" : 9,
        "indexSize" : 4774784,
        "fileSize" : 67108864,
        "nsSizeMB" : 16,
        "dataFileVersion" : {
                "major" : 4,
                "minor" : 6
        },
        "extentFreeList" : {
                "num" : 0,
                "totalSize" : 0
        },
        "ok" : 1
}
```

9. Check status of collection

```
> db.mybookstore.stats()
```

```
{
     "ns" : "bookstore.mybookstore",
     "count" : 14,
     "size" : 6432,
     "avgObjSize" : 459,
     "storageSize" : 8192,
     "numExtents" : 1,
     "nindexes" : 1,
     "lastExtentSize" : 8192,
     "paddingFactor" : 1,
     "systemFlags" : 0,
     "userFlags" : 1,
     "totalIndexSize" : 8176,
     "indexSizes" : {
          "_id_" : 8176
     },
     "ok" : 1
}
```