

Name: Madhav Lonkar Rollno:COTC41

```
> use Madhav

switched to db Madhav

> db.create collection("Employee")

uncaught exception: SyntaxError: unexpected token: identifier :

@(shell):1:10

> db.createcollection("Employee")

uncaught exception: TypeError: db.createcollection is not a function :

@(shell):1:1

> db.createCollection("Employee")

{ "ok" : 1 }

> db.Employee.insert({Rollno:1,name:"Madhav",class:"compTE",fees:98492})

WriteResult({ "nInserted" : 1 })

> db.Employee.insert({Rollno:2,name:"Nandkumar",class:"compTE",fees:98492})

WriteResult({ "nInserted" : 1 })

> db.Employee.insert({Rollno:3,name:"Gururaj",class:"compSE",fees:50000})

WriteResult({ "nInserted" : 1 })

> db.Employee.insert({Rollno:4,name:"Sanket",class:"compTE",fees:1000})

WriteResult({ "nInserted" : 1 })

> db.Employee.find().preety()

uncaught exception: TypeError: db.Employee.find(...).preety is not a function :

@(shell):1:1

> db.Employee.find().pretty()

{
  "_id" : ObjectId("634c3add4f5bc8c32b2e55ac"),
  "Rollno" : 1,
  "name" : "Madhav",
  "class" : "compTE",
  "fees" : 98492
}

{
  "_id" : ObjectId("634c3aed4f5bc8c32b2e55ad"),
  "Rollno" : 2,
```

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    "name" : "Nandkumar",
    "class" : "compTE",
    "fees" : 98492
  }
{
  "_id" : ObjectId("634c3b0a4f5bc8c32b2e55ae"),
  "Rollno" : 3,
  "name" : "Gururaj",
  "class" : "compSE",
  "fees" : 50000
}
{
  "_id" : ObjectId("634c3b2b4f5bc8c32b2e55af"),
  "Rollno" : 4,
  "name" : "Sanket",
  "class" : "compTE",
  "fees" : 1000
}
> db.Employee.aggregate({$group:{_id:{},sum:{$sum:"$fees"}}})
{ "_id" : { }, "sum" : 247984 }
> db.Employee.aggregate({$group:{_id:{},avg:{$avg:"$fees"}}})
{ "_id" : { }, "avg" : 61996 }
> db.Employee.aggregate({$group:{_id:{},minfees:{$min:"$fees"}}})
{ "_id" : { }, "minfees" : 1000 }
> db.Employee.aggregate({$group:{_id:{},max:{$max:"$fees"}}})
{ "_id" : { }, "max" : 98492 }
> db.Employee.aggregate({$group:{_id:{},name:{$push:"$name"}}})
{ "_id" : { }, "name" : [ "Madhav", "Nandkumar", "Gururaj", "Sanket" ] }
//Index

> db.Employee.createIndex({name:1})
{
  "numIndexesBefore" : 1,

```

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    "numIndexesAfter" : 2,
    "createdCollectionAutomatically" : false,
    "ok" : 1
}
> db.Employee.getIndex()
uncaught exception: TypeError: db.Employee.getIndex is not a function :
@(shell):1:1
> db.Employee.getIndexes()
uncaught exception: TypeError: db.Employee.getIndexes is not a function :
@(shell):1:1
> db.Employee.getIndexes()
[
  {
    "v" : 2,
    "key" : {
      "_id" : 1
    },
    "name" : "_id_"
  },
  {
    "v" : 2,
    "key" : {
      "name" : 1
    },
    "name" : "name_1"
  }
]
>
> db.Employee.dropIndexes()
{ "nIndexesWas" : 2,
  "msg" : "non-_id indexes dropped for collection",
  "ok" : 1
}

```