

Name : Om G. Panchwate

Roll No. 31455

Class : TE-IV

Batch : M4

Course : DBMSL

1. Create and Use a Collection

```
db.createCollection("myCollection");  
use myCollection;
```

Output :

```
{ "ok" : 1 }  
switched to db myCollection
```

2. Inserting Documents to a Collection

```
db.myCollection.insert({id: 1010, name : "Om"});  
db.myCollection.insert({id: 1020, name : "Bhagyashree"});  
db.myCollection.insert({id: 1030, name : "Parth"});
```

```
db.myCollection.find()
```

Output:

```
WriteResult({ "nInserted" : 1 })  
WriteResult({ "nInserted" : 1 })  
WriteResult({ "nInserted" : 1 })  
{ "_id" : ObjectId("652e47bee725205f9e803903"), "id" : 1010, "name" : "Om" }  
{ "_id" : ObjectId("652e47bfe725205f9e803904"), "id" : 1020, "name" : "Bhagyashree" }  
{ "_id" : ObjectId("652e47bfe725205f9e803905"), "id" : 1030, "name" : "Parth" }
```

3. Updating Document in the collection

```
db.myCollection.update({id:1010}, {$set:{'name':"Omi"}})
```

Output:

```
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })  
{ "_id" : ObjectId("652e486209377dacd4e2f2a2"), "id" : 1010, "name" : "Omi" }  
{ "_id" : ObjectId("652e486209377dacd4e2f2a3"), "id" : 1020, "name" : "Bhagyashree" }  
}  
{ "_id" : ObjectId("652e486209377dacd4e2f2a4"), "id" : 1030, "name" : "Parth" }
```

4. Save() Method

```
db.myCollection.save({"id": ObjectId("652e486209377dacd4e2f2a3"), 'name':  
'Bhagyashree', 'by': 'friend'});
```

Output :

```
{ "_id" : ObjectId("652e4974be10952eada8013d"), "id" :  
ObjectId("652e486209377dacd4e2f2a3"), "name" : "Bhagyashree", "by" : "friend" }
```

5. Removing Document from the Collection

```
db.myCollection.remove({'name': 'Parth'});  
db.myCollection.find()
```

Output :

```
WriteResult({ "nRemoved" : 1 })  
{ "_id" : ObjectId("652e4a1b75ba76a0b43aebb8"), "id" : 1010, "name" : "Omi" }  
{ "_id" : ObjectId("652e4a1b75ba76a0b43aebb9"), "id" : 1020, "name" : "Bhagyashree" }  
{ "_id" : ObjectId("652e4a1b75ba76a0b43aebbb"), "id" :  
ObjectId("652e486209377dacd4e2f2a3"), "name" : "Bhagyashree", "by" : "friend" }
```