

To open MongoDB

```
>mongo
```

To create collection

```
>db.createCollection(name, options)
```

Example

```
> db.createCollection("subject", { capped : true, size : 5526, max : 10000 } )
```

You can check the created collection by using the command show collections.

```
>show collections
```

To insert document in collection

```
>db.COLLECTION_NAME.insert(document)
```

Example

```
>db.student.insert({id:89,name:'swathi'});
```

To print all the values in a collection

```
>db.collection.find()
```

Example

```
db.student.find()
```

To find a particular document in a collection

```
>db.student.find({id:31});
```

```
>db.student.find({id: 90,name:'riya'});
```

To print number of documents in a collection

```
>db.student.count()
```

```
>db.student.count( { id: { $gt: 70 } }, { limit: 100 } );
```

```
>db.student.deleteOne({id:90});
```

```
> db.student.deleteMany({place:'kochi'});
```

To delete a particular document completely and insert new with new fields. Here there will be only fields that is mentioned in the command after execution. All other attributes will be deleted.

```
>db.student.findAndModify({query:{id:78},update:{ place: 'alappuzha'}});
```

## Update Operations

```
db.COLLECTION_NAME.update({SELECTION_CRITERIA},
{$set:{UPDATED_DATA}}, {
  upsert: <boolean>,
  multi: <boolean>,
  writeConcern: <document>,
  collation: <document>,
  arrayFilters: [ <filterdocument1>, ... ],
  hint: <document|string>
})
```

### Example

```
db.empDetails.updateOne(
  {First_Name: 'Radhika'},
  { $set: { Age: '30', e_mail: 'radhika_newemail@gmail.com' }}
)
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 0 }
```