```
> use genesis
switched to db genesis
> db
genesis
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
------------------------------------
> show dbs
admin    0.000GB
config   0.000GB
genesis  0.000GB
local    0.000GB
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
------------------------------------
> db
genesis
--------------------------------------------------------------------------------
-------------------------------------
--------------------------------------------------------------------------------
--


>db.createCollection("Student")
--------------------------------------------------------------------------------
--
> show collections
Student
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
------------------------------------
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
------------------------------------
Insert Many Query
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
------------------------------------
> db.Student.insertMany([
... {id:105,marks:56},{id:106,marks:64},{id:107,marks:43}])
{
        "acknowledged" : true,
        "insertedIds" : [
                ObjectId("60b86326b2b388a0be9cff6f"),
                ObjectId("60b86326b2b388a0be9cff70"),
                ObjectId("60b86326b2b388a0be9cff71")
        ]
}
```


Find Method


```
> db.Student.find()
{ "_id" : ObjectId("60b75eec6a0fdbdb5fcfdf0c"), "id" : 101, "marks" : 91 }
{ "_id" : ObjectId("60b85e78b2b388a0be9cff6d"), "id" : 103, "marks" : 74 }
{ "_id" : ObjectId("60b85e78b2b388a0be9cff6e"), "id" : 104, "marks" : 85 }
{ "_id" : ObjectId("60b86326b2b388a0be9cff6f"), "id" : 105, "marks" : 56 }
{ "_id" : ObjectId("60b86326b2b388a0be9cff70"), "id" : 106, "marks" : 64 }
{ "_id" : ObjectId("60b86326b2b388a0be9cff71"), "id" : 107, "marks" : 43 }


> db.Student.find({},{"id":1,"marks":1,_id:0})
{ "id" : 101, "marks" : 91 }
{ "id" : 103, "marks" : 74 }
{ "id" : 104, "marks" : 85 }
{ "id" : 105, "marks" : 56 }
{ "id" : 106, "marks" : 64 }
{ "id" : 107, "marks" : 43 }
```


Updating records


```
> db.Student.update({'id':103},{$set:{'id':102}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Student.find({},{"id":1,"marks":1,_id:0})
{ "id" : 101, "marks" : 91 }
{ "id" : 102, "marks" : 74 }
{ "id" : 104, "marks" : 85 }
{ "id" : 105, "marks" : 56 }
{ "id" : 106, "marks" : 64 }
{ "id" : 107, "marks" : 43 }
```


----
deleting record


```
> db.Student.remove({'id':107})
WriteResult({ "nRemoved" : 1 })
> db.Student.find({},{"id":1,"marks":1,_id:0})
{ "id" : 101, "marks" : 91 }
{ "id" : 102, "marks" : 74 }
{ "id" : 104, "marks" : 85 }
{ "id" : 105, "marks" : 56 }
{ "id" : 106, "marks" : 64 }
```


Projection


```
> db.Student.find({},{"id":1,_id:0})
{ "id" : 101 }
{ "id" : 102 }
{ "id" : 104 }
{ "id" : 105 }
{ "id" : 106 }
> db.Student.find({},{"id":1,"marks":1,_id:0})
{ "id" : 101, "marks" : 91 }
{ "id" : 102, "marks" : 74 }
{ "id" : 104, "marks" : 85 }
{ "id" : 105, "marks" : 56 }
{ "id" : 106, "marks" : 64 }
> db.Student.find({},{"marks":1,_id:0})
{ "marks" : 91 }
{ "marks" : 74 }
{ "marks" : 85 }
{ "marks" : 56 }
{ "marks" : 64 }
```


Indexing


```
> db.Student.createIndex({"marks":1})
{
        "createdCollectionAutomatically" : false,
        "numIndexesBefore" : 2,
        "numIndexesAfter" : 3,
        "ok" : 1
}
> db.Student.getIndexes()
[
        {
                "v" : 2,
                "key" : {
                        "_id" : 1
                },
                "name" : "_id_"
        },
        {
                "v" : 2,
                "key" : {
                        "marks" : 1,
                        "id" : 2
                },
                "name" : "marks_1_id_2"
        },
        {
                "v" : 2,
                "key" : {
                        "marks" : 1
                },
                "name" : "marks_1"
        }
]
> db.Student.dropIndex({"marks":1})
{ "nIndexesWas" : 3, "ok" : 1 }
> db.Student.getIndexes()
[
        {
                "v" : 2,
                "key" : {
                        "_id" : 1
                },
```

```
                        "name" : "_id_"
                },
                {
                        "v" : 2,
                        "key" : {
                                "marks" : 1,
                                "id" : 2
                        },
                        "name" : "marks_1_id_2"
                }
        ]
>
```