1)

> use Example

switched to db Example

2)

> db.createCollection("Employee")

{ "ok" : 1 }

3)

> show collections

Employee

4)

> var AllEmployees =

... [

... {

... Name: "Salini",

... Age: 25,

... Address: [ { street: "Vivek nagar", city: "Bangalore" } ],

... Salary: 20000

... },

... {

... Name: "jossy",

... Age: 24,

... Address: [ { street: "cherukunnam", city: "Perumbavoor" } ],

... Salary: 23000

... },

... {

... Name: "Deepu",

... Age: 25,

... Address: [ { street: "Adimali", city: "Adimali" } ],

... Salary: 24000

... }

... ];

> db.Employee.insert(AllEmployees);

BulkWriteResult({

"writeErrors" : [ ],

"writeConcernErrors" : [ ],

"nInserted" : 3,

"nUpserted" : 0,

"nMatched" : 0,

"nModified" : 0,

"nRemoved" : 0,

"upserted" : [ ]

})

5)

> db.Employee.find();

{ "\_id" : "156", "title" : "mongodb overview", "description" : "mongodb is an sql database" }

{ "\_id" : ObjectId("6118f948e786828e0813859e"), "by" : "ABC", "url" : "http://www.xyz.com", "tags" : [ "mongodb", "database", "NoSQL" ], "likes" : 100 }

{ "\_id" : ObjectId("6118fcfbe786828e0813859f"), "Name" : "Salini", "Age" : 25, "Address" : [ { "street" : "Vivek nagar", "city" : "Bangalore" } ], "Salary" : 20000 }

{ "\_id" : ObjectId("6118fcfbe786828e081385a0"), "Name" : "jossy", "Age" : 24, "Address" : [ { "street" : "cherukunnam", "city" : "Perumbavoor" } ], "Salary" : 23000 }

{ "\_id" : ObjectId("6118fcfbe786828e081385a1"), "Name" : "Deepu", "Age" : 25, "Address" : [ { "street" : "Adimali", "city" : "Adimali" } ], "Salary" : 24000 }

6)

> db.Employee.createIndex({"title":1});

{

"createdCollectionAutomatically" : false,

"numIndexesBefore" : 1,

"numIndexesAfter" : 2,

"ok" : 1

}

7)

> db.Employee.getIndexes();

[

{

"v" : 2,

"key" : {

"\_id" : 1

},

"name" : "\_id\_",

"ns" : "Example.Employee"

},

{

"v" : 2,

"key" : {

"title" : 1

},

"name" : "title\_1",

"ns" : "Example.Employee"

}

]

8)

> db.Employee.createIndex({category:1},{collation:{locale:"fr"}});

{

"createdCollectionAutomatically" : false,

"numIndexesBefore" : 2,

"numIndexesAfter" : 3,

"ok" : 1

}

9)

> db.Employee.getIndexes();

[

{

"v" : 2,

"key" : {

"\_id" : 1

},

"name" : "\_id\_",

"ns" : "Example.Employee"

},

{

"v" : 2,

"key" : {

"title" : 1

},

"name" : "title\_1",

"ns" : "Example.Employee"

},

{

"v" : 2,

"key" : {

"category" : 1

},

"name" : "category\_1",

"ns" : "Example.Employee",

"collation" : {

"locale" : "fr",

"caseLevel" : false,

"caseFirst" : "off",

"strength" : 3,

"numericOrdering" : false,

"alternate" : "non-ignorable",

"maxVariable" : "punct",

"normalization" : false,

"backwards" : false,

"version" : "57.1"

}

}

]

10)

> db.runCommand({distinct:"library",key:"books"});

{ "values" : [ ], "ok" : 1 }

11)

> db.Employee.aggregate([{$group:{\_id:"$by\_user",num\_tutorial:{$sum:1}}}]);

{ "\_id" : null, "num\_tutorial" : 5 }

12)

> db.Employee.aggregate([{$group:{\_id:"$by\_user",first\_url:{$first:"$url"}}}]);

{ "\_id" : null, "first\_url" : null }

13)

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

{

"\_id" : "156",

"title" : "mongodb overview",

"description" : "mongodb is an sql database"

}

{

"\_id" : ObjectId("6118f948e786828e0813859e"),

"by" : "ABC",

"url" : "http://www.xyz.com",

"tags" : [

"mongodb",

"database",

"NoSQL"

],

"likes" : 100

}

{

"\_id" : ObjectId("6118fcfbe786828e0813859f"),

"Name" : "Salini",

"Age" : 25,

"Address" : [

{

"street" : "Vivek nagar",

"city" : "Bangalore"

}

],

"Salary" : 20000

}

{

"\_id" : ObjectId("6118fcfbe786828e081385a0"),

"Name" : "jossy",

"Age" : 24,

"Address" : [

{

"street" : "cherukunnam",

"city" : "Perumbavoor"

}

],

"Salary" : 23000

}

{

"\_id" : ObjectId("6118fcfbe786828e081385a1"),

"Name" : "Deepu",

"Age" : 25,

"Address" : [

{

"street" : "Adimali",

"city" : "Adimali"

}

],

"Salary" : 24000

}

14)

> db.Employee.update({'title':'mongodb overview'},{$set:{'title':'New Mongodb Jossy'}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })