***Assignment:11***

[root@localhost ~]# systemctl start mongod

[root@localhost ~]# mongo

MongoDB shell version: 2.4.6

connecting to: test

> show dbs

agg 0.203125GB

local 0.078125GB

> use dept

switched to db dept

> db.dept.insert({roll:1,name:'karan'})

> db.dept.insert({roll:2,name:'raj'})

> db.dept.insert({roll:3,name:'rajat'})

> db.dept.insert({roll:4,name:'arjun'})

> db.dept.insert({roll:5,name:'sham'})

> db.dept.insert({roll:6,name:'ram'})

> db.dept.find()

{ "\_id" : ObjectId("50e1ee1a55fdcf5e03764746"), "roll" : 1, "name" : "karan" }

{ "\_id" : ObjectId("50e1ee2e55fdcf5e03764747"), "roll" : 2, "name" : "raj" }

{ "\_id" : ObjectId("50e1ee3a55fdcf5e03764748"), "roll" : 3, "name" : "rajat" }

{ "\_id" : ObjectId("50e1ee4755fdcf5e03764749"), "roll" : 4, "name" : "arjun" }

{ "\_id" : ObjectId("50e1ee5055fdcf5e0376474a"), "roll" : 5, "name" : "sham" }

{ "\_id" : ObjectId("50e1ee5b55fdcf5e0376474b"), "roll" : 6, "name" : "ram" }

> db.dept.find({name:'karan'}).explain()

{

"cursor" : "BasicCursor",

"isMultiKey" : false,

"n" : 1,

"nscannedObjects" : 6,

"nscanned" : 6,

"nscannedObjectsAllPlans" : 6,

"nscannedAllPlans" : 6,

"scanAndOrder" : false,

"indexOnly" : false,

"nYields" : 0,

"nChunkSkips" : 0,

"millis" : 0,

"indexBounds" : {

},

"server" : "localhost.localdomain:27017"

}

> db.dept.ensureIndex({name:1})

> db.dept.find({name:'karan'}).explain()

{

"cursor" : "BtreeCursor name\_1",

"isMultiKey" : false,

"n" : 1,

"nscannedObjects" : 1,

"nscanned" : 1,

"nscannedObjectsAllPlans" : 1,

"nscannedAllPlans" : 1,

"scanAndOrder" : false,

"indexOnly" : false,

"nYields" : 0,

"nChunkSkips" : 0,

"millis" : 0,

"indexBounds" : {

"name" : [

[

"karan",

"karan"

]

]

},

"server" : "localhost.localdomain:27017"

}

> db.dept.dropIndexes()

{

"nIndexesWas" : 2,

"msg" : "non-\_id indexes dropped for collection",

"ok" : 1

}