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Assignment No:1(**B**)

Assignment :Study of Open Source NOSQL Database: MongoDB (Installation, Basic CRUD operations, Execution)

Roll No : Batch: TEB-3

Name : Rohit Rajendra Sonje

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**Starts with mongo**

gescoe@gescoe-OptiPlex-3010:~$ mongo

MongoDB shell version: 2.6.9

connecting to: test

> show dbs

student\_31 0.000GB

suyog 0.000GB

test 0.000GB

> use rohit

switched to db rohit

> show dbs

student\_31 0.000GB

suyog 0.000GB

test 0.000GB

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*INSERT Document\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

> db.rohit .insert([{"Roll no":1,"S\_name":"Gaurav","Marks":88},{"Roll no":2,"S\_name":"Rohit","Marks":78},{"Roll no":3,"S\_name":"Alpesh","Marks":90}])

BulkWriteResult({

"writeErrors" : [ ],

"writeConcernErrors" : [ ],

"nInserted" : 3,

"nUpserted" : 0,

"nMatched" : 0,

"nModified" : 0,

"nRemoved" : 0,

"upserted" : [ ]

})

> db.rohit .find()

{ "\_id" : ObjectId("596ef619f83fe566ccc87995"), "Roll no" : 1, "S\_name" : "Gaurav",

"Marks" : 88}

{ "\_id" : ObjectId("596ef619f83fe566ccc87996"), "Roll no" : 2, "S\_name" : "Rohit",

"Marks" : 78}

{ "\_id" : ObjectId("596ef619f83fe566ccc87997"), "Roll no" : 3, "S\_name" : "Alpesh",

"Marks" : 90}

> db.rohit .find().pretty()

{

"\_id" : ObjectId("596ef619f83fe566ccc87995"),

"Roll no" : 1,

"S\_name" : "Gaurav",

"Marks" : 88,

}

{

"\_id" : ObjectId("596ef619f83fe566ccc87996"),

"Roll no" : 2,

"S\_name" : "Rohit",

"Marks" : 78,

}

{

"\_id" : ObjectId("596ef619f83fe566ccc87997"),

"Roll no" : 3,

"S\_name" : "Alpesh",

"Marks" : 90,

}

\*\*\*\*\*\*\*\*\*\*\*\*\*Remove /Delete Document\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

> db.rohit.remove({'Roll no':1})

WriteResult({ "nRemoved" : 2 })

> db.mongo.find().pretty()

{

"\_id" : ObjectId("596ef619f83fe566ccc87996"),

"Roll no" : 2,

"S\_name" : "Rohit",

"Marks" : 78

}

{

"\_id" : ObjectId("596ef619f83fe566ccc87997"),

"Roll no" : 3,

"S\_name" : "Alpesh",

"Marks" : 90

}

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Update Documents\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

> db.rohit .update({'Roll no':3},{$set:{'S\_name':'Pramod'}})

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

> db.rohit .find().pretty()

{

"\_id" : ObjectId("596ef619f83fe566ccc87996"),

"Roll no" : 2,

"S\_name" : "Rohit",

"Marks" : 78

}

{

"\_id" : ObjectId("596ef619f83fe566ccc87997"),

"Roll no" : 3,

"S\_name" : "Pramod",

"Marks" : 90

}

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Deleting Database\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

> show dbs

student\_31 0.000GB

suyog 0.000GB

test 0.000GB

rohit 0.000GB

> db.dropDatabase();

{ "dropped" : "rohit", "ok" : 1 }

> show dbs

student\_31 0.000GB

suyog 0.000GB

test 0.000GB