**PAPER – II                 PRACTICAL NO. : 07**

**AIM** : **DEMONSTRATE THE INDEXING AND ORDERING OPERATIONS IN**

1. **MongoDB**
2. **CouchDB**
3. **Apache Cassandra**

**ROLL NO. : 02                                BATCH : M.SC PART-I**

**DATE :   /  /22**

**CODE :**

**View all databases :**

> show dbs

admin 0.000GB

config 0.000GB

local 0.000GB

**Create a new or switch databases :**

> use msc

switched to db msc

**View current Database :**

> db

Msc

**Create a collection :**

> db.createCollection('info')

{ "ok" : 1 }

**Show Collections :**

> show collections

Info

**Create an index :**

> db.info.createIndex({Employeeid:1})

{

"numIndexesBefore" : 1,

"numIndexesAfter" : 2,

"createdCollectionAutomatically" : false,

"ok" : 1

}

> db.info.createIndex({Employeeid:1, EmployeeName: 1})

{

"numIndexesBefore" : 2,

"numIndexesAfter" : 3,

"createdCollectionAutomatically" : false,

"ok" : 1

}

**Show index :**

> db.info.getIndexes()

[

{

"v" : 2,

"key" : {

"\_id" : 1

},

"name" : "\_id\_"

},

{

"v" : 2,

"key" : {

"Employeeid" : 1

},

"name" : "Employeeid\_1"

},

{

"v" : 2,

"key" : {

"Employeeid" : 1,

"EmployeeName" : 1

},

"name" : "Employeeid\_1\_EmployeeName\_1"

}

]

**Drop a specific index :**

> db.info.dropIndex({Employeeid:1})

{ "nIndexesWas" : 3, "ok" : 1 }

> db.info.getIndexes()

[

{

"v" : 2,

"key" : {

"\_id" : 1

},

"name" : "\_id\_"

},

{

"v" : 2,

"key" : {

"Employeeid" : 1,

"EmployeeName" : 1

},

"name" : "Employeeid\_1\_EmployeeName\_1"

}

]

**Drop index :**

> db.info.dropIndexes()

{

"nIndexesWas" : 2,

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

"ok" : 1

}

> db.info.getIndexes()

[ { "v" : 2, "key" : { "\_id" : 1 }, "name" : "\_id\_" } ]

>