(base) mmcoe@mmcoe-System-Product-Name:~$ mongo

MongoDB shell version: 2.6.10

connecting to: test

**> use dbassn11**

switched to db dbassn11

**> db.createCollection("Staff");**

{ "ok" : 1 }

**> db.Staff.insert({"Name":"Shreeya","Age":22,"Address":"Pune"});**

WriteResult({ "nInserted" : 1 })

**> db.Staff.insert({"Name":"Rajasi","Age":23,"Address":"Mumbai"});**

WriteResult({ "nInserted" : 1 })

**> db.Staff.insert({"Name":"Advait","Age":24,"Address":"New Delhi"});**

WriteResult({ "nInserted" : 1 })

**> db.Staff.insert({"Name":"Anish","Age":25,"Address":"Chennai"});**

WriteResult({ "nInserted" : 1 })

**> db.Staff.insert({"Name":"Pranav","Age":26,"Address":"Bangalore"});**

WriteResult({ "nInserted" : 1 })

**> db.Staff.insert({"Name":"Rajasi","Age":28,"Address":"Hyderabad"});**

WriteResult({ "nInserted" : 1 })

**> db.Staff.insert({"Name":"Advait","Age":25,"Address":"Kolkata"});**

WriteResult({ "nInserted" : 1 })

**> db.Staff.insert({"Name":"Pranav","Age":30,"Address":"Ahmedabad"});**

WriteResult({ "nInserted" : 1 })

**> db.Staff.find();**

{ "\_id" : ObjectId("6523ca163832a601e256434e"), "Name" : "Shreeya", "Age" : 22, "Address" : "Pune" }

{ "\_id" : ObjectId("6523ca293832a601e256434f"), "Name" : "Rajasi", "Age" : 23, "Address" : "Mumbai" }

{ "\_id" : ObjectId("6523ca3b3832a601e2564350"), "Name" : "Advait", "Age" : 24, "Address" : "New Delhi" }

{ "\_id" : ObjectId("6523ca5a3832a601e2564351"), "Name" : "Anish", "Age" : 25, "Address" : "Chennai" }

{ "\_id" : ObjectId("6523ca6c3832a601e2564352"), "Name" : "Pranav", "Age" : 26, "Address" : "Bangalore" }

{ "\_id" : ObjectId("6523ca813832a601e2564353"), "Name" : "Rajasi", "Age" : 28, "Address" : "Hyderabad" }

{ "\_id" : ObjectId("6523ca8e3832a601e2564354"), "Name" : "Advait", "Age" : 25, "Address" : "Kolkata" }

{ "\_id" : ObjectId("6523caa73832a601e2564355"), "Name" : "Pranav", "Age" : 30, "Address" : "Ahmedabad" }

**> db.Staff.find().pretty();**

{

    "\_id" : ObjectId("6523ca163832a601e256434e"),

    "Name" : "Shreeya",

    "Age" : 22,

    "Address" : "Pune"

}

{

    "\_id" : ObjectId("6523ca293832a601e256434f"),

    "Name" : "Rajasi",

    "Age" : 23,

    "Address" : "Mumbai"

}

{

    "\_id" : ObjectId("6523ca3b3832a601e2564350"),

    "Name" : "Advait",

    "Age" : 24,

    "Address" : "New Delhi"

}

{

    "\_id" : ObjectId("6523ca5a3832a601e2564351"),

    "Name" : "Anish",

    "Age" : 25,

    "Address" : "Chennai"

}

{

    "\_id" : ObjectId("6523ca6c3832a601e2564352"),

    "Name" : "Pranav",

    "Age" : 26,

    "Address" : "Bangalore"

}

{

    "\_id" : ObjectId("6523ca813832a601e2564353"),

    "Name" : "Rajasi",

    "Age" : 28,

    "Address" : "Hyderabad"

}

{

    "\_id" : ObjectId("6523ca8e3832a601e2564354"),

    "Name" : "Advait",

    "Age" : 25,

    "Address" : "Kolkata"

}

{

    "\_id" : ObjectId("6523caa73832a601e2564355"),

    "Name" : "Pranav",

    "Age" : 30,

    "Address" : "Ahmedabad"

}

**> var mapFunction = function(){emit(this.Name, this.Age)};**

**> var reduceFunction = function(keyName, valueAge){return Array.sum(valueAge)}**

**> db.Staff.mapReduce(mapFunction,reduceFunction,{out:"Staff1"});**

{

    "result" : "Staff1",

    "timeMillis" : 12,

    "counts" : {

    "input" : 8,

    "emit" : 8,

    "reduce" : 3,

    "output" : 5

    },

    "ok" : 1

}

**> db.Staff1.find().pretty();**

{ "\_id" : "Advait", "value" : 49 }

{ "\_id" : "Anish", "value" : 25 }

{ "\_id" : "Pranav", "value" : 56 }

{ "\_id" : "Rajasi", "value" : 51 }

{ "\_id" : "Shreeya", "value" : 22 }

>