[root@localhost ~]# systemctl start mongod;

[root@localhost ~]# mongo

MongoDB shell version: 2.4.6

connecting to: test

> show dbs;

DB\_2 0.203125GB

library 0.203125GB

local 0.078125GB

svh 0.203125GB

> use shashank;

switched to db shashank

> db.createCollection("employee");

{ "ok" : 1 }

> db.employee.insert({"ename":"Shashank","pname":"DBMS","cost":10000})

> db.employee.insert({"ename":"Prajwal","pname":"DBMS","cost":12000})

> db.employee.insert({"ename":"Ankit","pname":"Network","cost":14000})

> db.employee.insert({"ename":"Vishal","pname":"cloud","cost":14000})

> db.employee.insert({"ename":"Virat","pname":"cloud","cost":20000})

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

{

"\_id" : ObjectId("5ba214e249abb2bb01a3ee4a"),

"ename" : "Shashank",

"pname" : "DBMS",

"cost" : 10000

}

{

"\_id" : ObjectId("5ba214fb49abb2bb01a3ee4b"),

"ename" : "Prajwal",

"pname" : "DBMS",

"cost" : 12000

}

{

"\_id" : ObjectId("5ba2151c49abb2bb01a3ee4c"),

"ename" : "Ankit",

"pname" : "Network",

"cost" : 14000

}

{

"\_id" : ObjectId("5ba2154749abb2bb01a3ee4d"),

"ename" : "Vishal",

"pname" : "cloud",

"cost" : 14000

}

{

"\_id" : ObjectId("5ba2155a49abb2bb01a3ee4e"),

"ename" : "Virat",

"pname" : "cloud",

"cost" : 20000

}

db.employee.mapReduce(function(){emit(this.pname,this.cost);},function(key,values){return Array.sum(values)},{out:"MapReduce\_F"}).find();

{ "\_id" : "DBMS", "value" : 22000 }

{ "\_id" : "Network", "value" : 14000 }

{ "\_id" : "cloud", "value" : 34000 }

> db.employee.mapReduce(function(){emit(this.pname,1);},function(key,values){return Array.sum(values)},{out:"MapReduce\_F"}).find();

{ "\_id" : "DBMS", "value" : 2 }

{ "\_id" : "Network", "value" : 1 }

{ "\_id" : "cloud", "value" : 2 }