**Chandini T R**

**1NT20IS403**

**C3 BATCH**

**MAP FUNCTIONS:**

> db.chandini.find()

{ "\_id" : ObjectId("6292e5b7d9eb3fc321659641"), "name" : "chandini", "id" : 101, "dept" : "research", "salary" : 20000 }

{ "\_id" : ObjectId("6292e90ad9eb3fc321659642"), "name" : "chetan", "id" : 102, "dept" : "research", "salary" : 30000 }

{ "\_id" : ObjectId("6292e90ad9eb3fc321659644"), "name" : "keerthi", "id" : 104, "dept" : "programming", "salary" : 50000 }

{ "\_id" : ObjectId("6292e90ad9eb3fc321659645"), "name" : "testing", "id" : 105, "salary" : 45000 }

> var mapfunction=function(){emit(this.name,this.salary)}

> var reducefunction=function(key,values){return Array.avg(values)}

> db.chandini.mapReduce(mapfunction,reducefunction,{'out':'Result'})

{ "result" : "Result", "ok" : 1 }

> db.Result.find()

{ "\_id" : "chandini", "value" : 20000 }

{ "\_id" : "chetan", "value" : 30000 }

{ "\_id" : "keerthi", "value" : 50000 }

{ "\_id" : "testing", "value" : 45000 }

