**Assignment No. 4**

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**Std:** TE-A

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> db.createCollection("orders")

{ "ok" : 1 }

> db.orders.insertMany([

... {cid:"abc12",ord\_date:new Date("Oct 04,2012"),status:"A",price:25},

... {cid:"abc12",ord\_date:new Date("Oct 04,2012"),status:"A",price:35},

... {cid:"c123",ord\_date:new Date("Oct 14,2012"),status:"D",price:40},

... {cid:"c123",ord\_date:new Date("Oct 14,2012"),status:"A",price:60}

... ])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("5b95eabdd82986998acd76d4"),

ObjectId("5b95eabdd82986998acd76d5"),

ObjectId("5b95eabdd82986998acd76d6"),

ObjectId("5b95eabdd82986998acd76d7")

]

}

> var mapFunction1=function(){emit(this.cid,this.price)}

> var reduceFunction1=function(keycid,valuesPrices){return Array.sum(valuesPrice

s)}

> db.orders.mapReduce(mapFunction1,reduceFunction1,{query:{status:"A"},out:"orde

r\_totals"})

{

"result" : "order\_totals",

"timeMillis" : 568,

"counts" : {

"input" : 3,

"emit" : 3,

"reduce" : 1,

"output" : 2

},

"ok" : 1

}

> db.order\_totals.find()

{ "\_id" : "abc12", "value" : 60 }

{ "\_id" : "c123", "value" : 60 }