**YASHODHA NAIK**

**1NT20IS416**

**C3 BATCH**

**MAP FUNCTIONS:**

> db.yashodha.find()

{ "\_id" : ObjectId("62925adc5224f5271c396dab"), "name" : "Anita", "id" : 104, "dept" : "Programmong", "salary" : 40000 }

{ "\_id" : ObjectId("629264bd5224f5271c396dae"), "name" : "Akash", "id" : 102, "dept" : "research", "salary" : 20000 }

{ "\_id" : ObjectId("629264bd5224f5271c396daf"), "name" : "Arpita", "id" : 103, "salary" : 15000 }

{ "\_id" : ObjectId("629264bd5224f5271c396db0"), "name" : "Anita", "id" : 104, "dept" : "Programmong", "salary" : 40000 }

{ "\_id" : ObjectId("629264bd5224f5271c396db1"), "name" : "Chandu", "id" : 106, "dept" : "software", "salary" : 50000 }

{ "\_id" : ObjectId("629264bd5224f5271c396db2"), "name" : "Bindu", "id" : 107, "dept" : "Testing", "salary" : 60000 }

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

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

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

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

> db.Result.find()

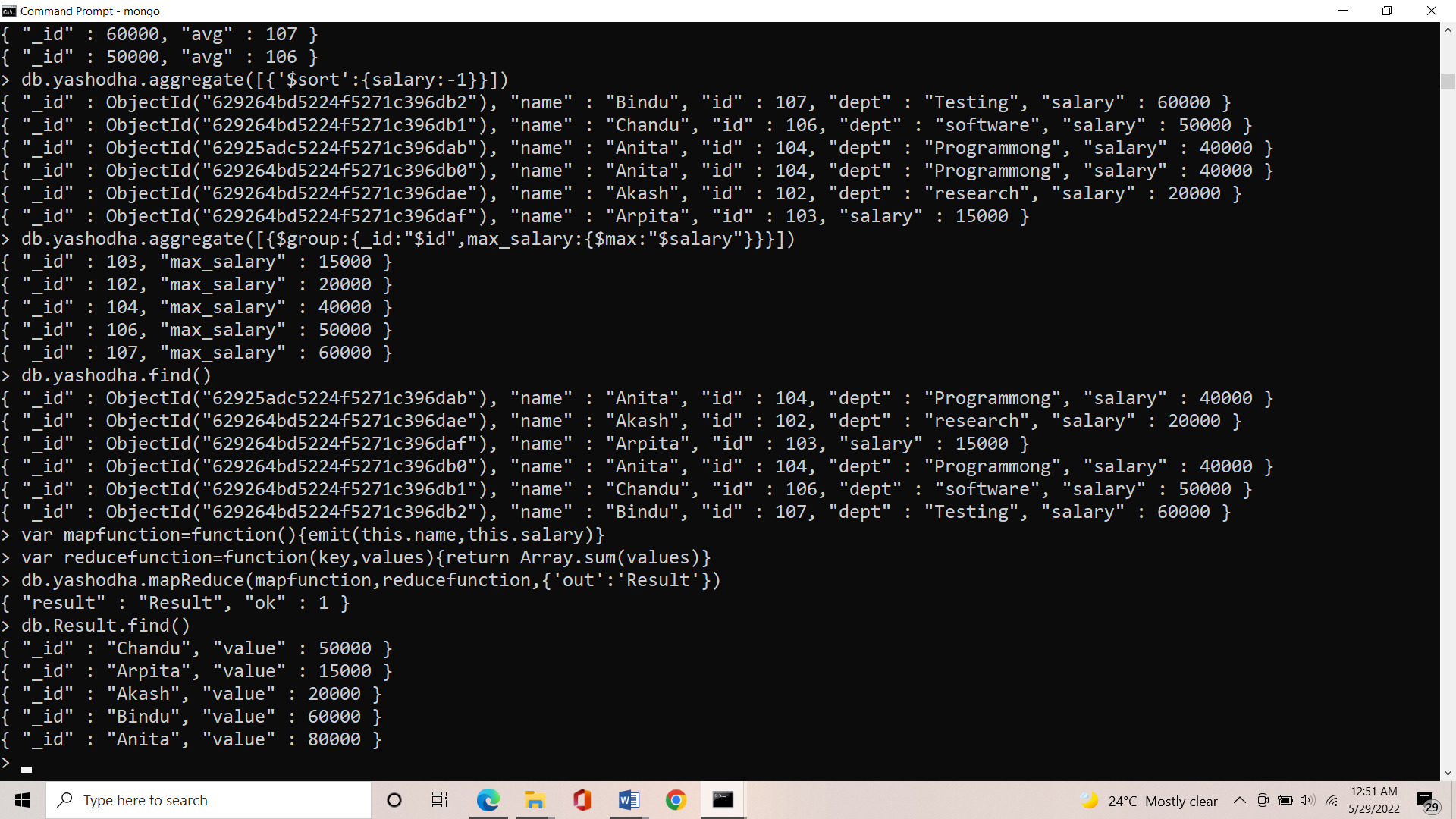
{ "\_id" : "Chandu", "value" : 50000 }

{ "\_id" : "Arpita", "value" : 15000 }

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

{ "\_id" : "Bindu", "value" : 60000 }

{ "\_id" : "Anita", "value" : 80000 }

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