Queries:

> show databases;

admin 0.000GB

assign10 0.000GB

assign11 0.000GB

assign9 0.000GB

config 0.000GB

local 0.000GB

> use assign12

switched to db assign12

> db.createCollection("cust\_orders")

{ "ok" : 1 }

> db.cust\_orders.insert({cust\_id:101,Amount:300,Status:"Paid",City:"Pune"})

WriteResult({ "nInserted" : 1 })

> db.cust\_orders.insert({cust\_id:101,Amount:500,Status:"Paid",City:"Pune"})

WriteResult({ "nInserted" : 1 })

> db.cust\_orders.insert({cust\_id:102,Amount:400,Status:"Not\_Paid",City:"Mumbai"})

WriteResult({ "nInserted" : 1 })

> db.cust\_orders.insert({cust\_id:103,Amount:450,Status:"Paid",City:"Mumbai"})

WriteResult({ "nInserted" : 1 })

> db.cust\_orders.insert({cust\_id:101,Amount:200,Status:"Not\_Paid",City:"Pune"})

WriteResult({ "nInserted" : 1 })

> db.cust\_orders.insert({cust\_id:103,Amount:900,Status:"Paid",City:"Mumbai"})

WriteResult({ "nInserted" : 1 })

> db.cust\_orders.find()

{ "\_id" : ObjectId("5fbd2a9c62fe6431a2fafd2c"), "cust\_id" : 101, "Amount" : 300, "Status" : "Paid", "City" : "Pune" }

{ "\_id" : ObjectId("5fbd2ac862fe6431a2fafd2d"), "cust\_id" : 101, "Amount" : 500, "Status" : "Paid", "City" : "Pune" }

{ "\_id" : ObjectId("5fbd2ad762fe6431a2fafd2e"), "cust\_id" : 102, "Amount" : 400, "Status" : "Not\_Paid", "City" : "Mumbai" }

{ "\_id" : ObjectId("5fbd2af162fe6431a2fafd2f"), "cust\_id" : 103, "Amount" : 450, "Status" : "Paid", "City" : "Mumbai" }

{ "\_id" : ObjectId("5fbd2afe62fe6431a2fafd30"), "cust\_id" : 101, "Amount" : 200, "Status" : "Not\_Paid", "City" : "Pune" }

{ "\_id" : ObjectId("5fbd2b0a62fe6431a2fafd31"), "cust\_id" : 103, "Amount" : 900, "Status" : "Paid", "City" : "Mumbai" }

> db.cust\_orders.mapReduce(function(){emit(this.cust\_id,this.Amount);},function(key,values){return Array.sum(values)},{query:{"Status":"Paid"},out:"total\_paid"})

{ "result" : "total\_paid", "ok" : 1 }

> db.total\_paid.find()

{ "\_id" : 101, "value" : 800 }

{ "\_id" : 103, "value" : 1350 }

> var mapfun1 = function(){emit(this.cust\_id,this.Amount);};

> var reducefun1 = function(key,values){return Array.sum(values);};

> db.cust\_orders.mapReduce(mapfun1,reducefun1,{out:"total\_amount"})

{ "result" : "total\_amount", "ok" : 1 }

> db.total\_amount.find()

{ "\_id" : 103, "value" : 1350 }

{ "\_id" : 101, "value" : 1000 }

{ "\_id" : 102, "value" : 400 }