## DBMSL Assignment No 11

```
Name : Ravindra Dayaram Bagul
Roll No : C31105
Batch : T1
#Data:
     > db.orders.find().pretty()
          " id" : 1,
          "cust id" : "A1",
          "DOR" : ISODate("2023-01-05T00:00:00Z"),
          "price" : 250,
          "items" : [
               {
                    "sku" : "oranges",
                    "qty" : 5,
                    "price" : 10
               },
                    "sku" : "apples",
                    "qty" : 5,
                    "price" : 10
               }
          "status" : "P"
     }
          "_id" : 2,
          "cust id" : "A2",
          "DOR": ISODate("2023-01-20T00:00:00Z"),
          "price" : 500,
          "items" : [
                    "sku" : "oranges",
                    "qty" : 10,
                    "price" : 10
               },
                    "sku" : "apples",
                    "qty" : 10,
                    "price" : 10
               }
          ],
          "status" : "P"
     }
          " id" : 3,
          "cust id" : "A3",
          "DOR": ISODate("2023-01-25T00:00:00Z"),
          "price" : 500,
```

```
{
                    "sku" : "oranges",
                    "qty" : 10,
                    "price" : 10
               },
                    "sku" : "apples",
                    "qty" : 10,
                    "price" : 10
               }
          ],
          "status" : "D"
     }
     {
          " id" : 4,
          "cust id" : "A4",
          "DOR" : ISODate("2023-01-29T00:00:00Z"),
          "price" : 700,
          "items" : [
               {
                    "sku" : "oranges",
                    "qty" : 12,
                    "price" : 25
               },
                    "sku" : "apples",
                    "qty" : 10,
                    "price" : 10
               }
          "status" : "D"
     }
1. Display total price per customer
     > var map=function(){emit(this.cust id,this.price);};
     > var reduce=function(cust id,price){return
Array.sum(price);};
     > db.orders.mapReduce(map, reduce, {out:'result1'})
     { "result" : "result1", "ok" : 1 }
     > db.result1.find()
```

{ "\_id" : "A3", "value" : 500 }
{ "\_id" : "A2", "value" : 500 }
{ "\_id" : "A1", "value" : 250 }
{ " id" : "A4", "value" : 700 }

"items" : [

## 2. Display total price per customer having status=D.

## Display total price for status ='P'.

## 4. Finding count of all keys in orders collection.