

BPA LAB 3

> use student

> db.createCollection("student")

> db.~~insert~~ student.insert({ Rollno: 1, Age: 20,
contact: "8088631747", name: "Nikhil" })

Bulk write Result {
nInserted: 1 }

> db.student.~~find~~.pretty()

```
{  
  "_id" : ObjectId("517...93c8")  
  "Rollno" : 1  
  "Age" : 20  
  "contact" : "8088631747"  
  "name" : "Nikhil"  
}
```

> db.student.update({ Rollno: 10 }, { \$set: {
Email: "bharth.kumar.cs17@nrc.in" } })
nMatched: 1, nModified: 1

> db.student.update({ Rollno: 11 },
{ \$set: { name: "Neha Pabari" } })

> mongoexport -d student --collection
Student -f id, Rollno, Age, Contact, Name,
Email --type csv --out Student.csv
Exported 4 records.


```
> mongoimport --type=csv --db student
  -e imported_students --file student.csv --headerline
  imported 57 documents.
```

part 2

> use bank

> db.createCollection("customers")

```
> db.insertcustomer.insert({
  "cust-id": "C1",
  "acc-bal": 1500,
  "acc-type": "z"
})
```

inserted 6 records.

```
> db.customer.find.pretty()
{ "_id" : ObjectId("5f7...bca"),
  "cust-id" : "C1",
  "acc-bal" : 1500,
  "acc-type" : "z"
}
```



```
> db.customer.find({acc_bal: { $gt: 1200 }  
  acc_type: "Z" }) pretty()
```

```
> db.customer.aggregate([
```

```
  {
```

```
    $group: {
```

```
      id: "$cust-id"
```

```
      min_bal: { $min: "$acc_bal" }
```

```
      max_bal: { $max: "$acc_bal" }  
    }
```

```
  ];
```

```
{ "_id": "C3", min_bal: 150, max_bal: 1200 }
```

```
{ "_id": "C2", min_bal: 300, max_bal: 15000 }
```

```
{ "_id": "C1", min_bal: 1000, max_bal: 1500 }
```

~~→ mongoexport~~

```
> mongoimport --db bank --collection imp-us  
--type csv --file bank-data.csv --  
headerline
```

imported 600 documents.

```
> mongoexport --db bank --collection customer  
--fields id, cust-id, Balance acc_bal, acc_type  
--type csv --out exp-us.csv
```

exported 6 documents.

```
> db.customer.drop()  
true.
```