

Writing

Lab - 3

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IBM / 7CS120

(1,2) Use student

```
db.student.insert({_id: 1, Name: "UK", Roll.No: "10", email: "UK@gmail.com",  
contact no: 103, Age: 23});
```

```
db.student.insertMany([ {_id: 2, Name: "PK", Roll.No: "11", email: "PK@gmail.com",  
contact: 889, Age: 21}, { _id: 3, Name: "TO", Roll.No: "12",  
email: "TO@gmail.com", contact no: 104, Age: 23 }]);
```

```
③ db.student.update({_id: 2, Roll.No: "11"},  
{ $set: { email: "S.PK@gmail.com" } },  
{ upsert: true });
```

```
④ db.student.update({_id: 1, Roll.No: "12"},  
{ $set: { Name: "TO" } }, { upsert: true });  
⇒ db.student.find().pretty();
```

Export & Import

```
> mongoexport -d student --collection student  
--out student.json
```

```
> mongoimport -d student student.csv
```



Q2 Use Databse

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① db. createCollection('customers')

② db.customers.insert({cust-id: 1, Acc-bal: 1500,  
Acc-type: "2"})

db.customers.insert({cust-id: 2, Acc-bal: 3000,  
Acc-type: "A"})

③ db.customers.find({Acc-bal: < 1200,  
Acc-type: "2"})

④ db.customers.aggregate({

{  
\$group: <  
\_id: "\$cust-id";  
min-bal: {\$min: "\$Acc-bal"}  
max-bal: {\$max: "\$Acc-bal"}  
})

⑤ mongosh -d Database -c Customers -f cust-id, Acc-bal, Acc-type  
--type=csv -o customers.csv

⑥ db.customers.drop()

⑦ mongosh -d Database -c Customers  
--type=csv -f customers.csv