

Lab 3
Q2

Creating Customer collection

Use customers

db.createCollection("customers")

Insert Data

db.customers.insert({cust-id: 1, Acc-Bal: 100, Acc-type: "2"})

Find total Balance of customers with Acc-type 2

db.customers.aggregate([{\$match: {"Acc-type": "2"}},
{\$group: {_id: {"cust-id": "\$cust-id"},
total_balance: {\$sum: "\$Acc-Bal"}}}]

Find customer with Total Balance greater than 100 and account type 2

db.customers.aggregate([{\$match: {"Acc-type": "2"}},
{\$group: {_id: {"cust-id": "\$cust-id"},
total_balance: {\$sum: "\$Acc-Bal"}},
{\$match: {"total_balance": {"\$gt": 100}}}]

Find minimum and maximum Account Balance

db.customers.aggregate([{\$group: {_id: "\$cust-id",
Acc-type: "\$Acc-type", min_balance: {"\$min": "\$Acc-Bal"},
max_balance: {"\$max": "\$Acc-Bal"}}}]

(3)

Export collection

```
mongo export --host localhost --db customers --collection  
customers -- type = CSV -- out Customers.csv -- fields  
cust-id, Acc-Type, Acc-Bal
```

Drop collection

Use customers

```
db.customers.drop()
```

Import Collection

```
mongo import --host localhost --db Customers --  
collection customers --type=CSV -- file Customers.csv --  
header line
```

View after Importing

Use customers

```
db.customers.find()
```