

## CRUD OPERATIONS :-

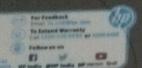
```
db.createCollection("mylab")
{ "ok": 1 }

> db.mylab.insertOne({ item: "CANVAS", qty: 100, tags: ["cotton"], size: { h: 28, w: 35.5, uom: "cm" } })
{ "acknowledged": true,
  "insertedId": ObjectId("627d13acc73990c074e6397c")
}

> db.mylab.find({ item: "CANVAS" })
{ "_id": ObjectId("627d13acc73990c074e6397c"), "item": "Canvas", "qty": 100, "tags": ["Cotton"], "size": { "h": 28, "w": 35.5, "uom": "cm" } }
[ { "acknowledged": true,
  "insertedIds": [
    ObjectId("627d1589c73990c074e6397c"),
    ObjectId("627d1598c73990c074e6397c"),
    ObjectId("627d1598c73990c074e6397c")
  ]
}

> db.mylab.find({ }, { item: 1, qty: 1 })
{ "_id": ObjectId("627d13acc73990c074e6397c"), "item": "CANVAS", "qty": 100 }
{ "_id": ObjectId("627d1598c73990c074e6397c"), "item": "journal", "qty": 25 }
{ "_id": ObjectId("627d1598c73990c074e6397c"), "item": "mousepad", "qty": 25 }

> db.mylab.find({ }, { item: 1 }).pretty()
{
  "_id": ObjectId("627d13acc73990c074e6397c"),
  "item": "Canvas", "qty": 100
}
```



22 "w": 85.5, "h": 100, "x": 100, "y": 100, "x2": 200, "y2": 200  
"Om": "Cm"  
} }  
>db.mylab.deleteOne({item: "Journal"}  
...  
>db.mylab.find({item: "arty", \$gt: 13}).pretty()  
{ "\_id": ObjectId("627d1598c73990c74e6397d"),  
"item": "Canvas",  
"arty": 100, "x": 100, "y": 100, "x2": 200, "y2": 200,  
}  
>db.mylab.insertOne({item: "mat", "arty": 25, "x": 100, "y": 100, "x2": 200, "y2": 200})  
{ "\_id": ObjectId("627d1598c73990c74e6397d"),  
"item": "journal",  
"arty": 25  
}  
>db.mylab.insertOne({item: "mat", "arty": 25, "x": 100, "y": 100, "x2": 200, "y2": 200})  
{ "\_id": ObjectId("627d1598c73990c74e6397e"), "item":  
"mousepad", "arty": 25}  
  

RESULT:  
ng in  
DB is  
X





## TASK-10: CRUD OPERATIONS IN DOCUMENT DATABASES

Aim:- To perform Mongoose using NPM design on Mongo DB designing document database and performing CRUD operations like creating, inserting, querying, finding and removing operations.

### STEP PGS:-

Step 1:- install MongoDB using following link

<https://www.mongodb.com/try/download/community>

Step 2:- install Mongosh using the below link

<https://www.mongodb.com/docs/mongodb-shell/> download and install mongosh.

Step 3:- To add the MongoDB shell binary's location to your PATH environment variable:

open the Control Panel.

In the System variables section, select Path and click

Edit.

click New and add the filepath to your mongosh binary.  
If your path is configured correctly, a list of valid commands displays.

Step 4) Open mongo shell 4.0 from C:\Program Files\mongodb\server\bin\mongod.exe.

Step 5) Type the CRUD(CREATE READ UPDATE DELETE) COMMANDS GIVEN IN TEXT FILE.