CRUD OPERATIONS IN DOCUMENT DATABASE

Aim: To perform mangoose using NPM design an mongo DB designing document database and performing CRUD operations like creating, inserting Querying, finding and removing operations.

Steps:

Step 1 : install mongo db using following link

https://NWW mongodb.Com/try/download/community

Step 2: install mongosh using the below link:

https://WIW.mongodb.com/docs/mongodb-shell

dowload and _install_mongosh

steps) To add the mongosh DB shell binaris loctis to your path environment variable

Open the Control panel

Click ok to confirm your changes one each other models:

Click ok to confirm your changes.

If your path is configured correctly a list of valid command displays.

Step 4) Open, mongo shell 4.0

Steps) Type the CR40 commands given in text file

CRUD Operations:

db. create collection ("mylab")

{"ok":1}

>db.mylab insertone {item:"Command", Qty :100, tags:{"

Cotton"}, Size {n:28, w: 35-5, 40m, :"cm"}})}

"acknowledged": true

"inserted": objet IDL"627d1] acc 73990 (67ue6397t")

>db.mylab.find({item:"Cones"}))

{"_id": object Id("627dBacc73ggucu7ue6397c"],

```
"item": "Canvas", "Qty": 100, "tags": ["Cotton"]
"Size": {"h", 28, "w": 35,5 "uom", "cm"}}
>db.mylab insertmany {{item: "Journal", qty:25, tags;
{"blank", "Jed"}, Size:, {h;,4,w:21, vom: "cm"}
{, {item, "mat", qty: 85 tags: ["gray"] Size:
{h:27,9, w: 35-5, com: "cm"}} {items: "mousepad",
qty: 25, {
"acknowledged": true
"inserted Ids: [
        ObjectId("627dI598 c73ggocG7ue6397d")
        ObjectId("627dI598 73990c07ue6937e")
        ObjectId("627dI598, 73990c07ue69377")
    ]
}
"_id": objectId"627d, 3acc73990c07ue6397c")
"item": "Canvas"
"qty": 100
}{
"id": objectId("627dI598c73990c074e6397d"),
"item": "Journal"
"qty": 100
}{
"id": objectid("627dI598c73990c07ue6397d",
"item": "Journd",
"qty": 25
} {"_id": objectId "627d,598,73990cD7ue6397e")
"item"; "mat", "qty", 85}
{
"_id": objectId "627d,598 273990c07ue63977"),
"item"; "mousepad",
"qty": 25
}
>db.mylab.find({item:"Canvas"}). pretty sost
({item:1)
```

```
{ "_id": object ID("627dd3acc7399DC07ue6397c")
  "item": "Convas",
  "qty":100
  "tas": {
    "Cotton"
  }
  >db.my lab-delete one ({ item: "Journal"}
  ----
  -.-
  }
}
"_id": object ID ("627d1598c73990C07ue6397d")
"item": "Journal",
"qty":25
}
```

Result: the implementation of CRUD operations like Creating Inserting, finding and remaving operations using mangoDB is successfully executed