Task : 10   14/10/25

CURD OPERATIONS IN DOCUMENT DATABASE

AIM: To perform mangoose using NPM design on mongo DB
designing documment database and performing CURD operations
like creating, inserting, quering, finding and removing operations.

Steps :-

Step① Install mongodb using following links
  Https://www.mongodb.com Htry klowndork /community

Step② : Install mongo.sh using the link
     https://www.mongobd.com/ds/docs/mongodb-shell/

Step③: To add the mongodb shellbinary's location open the
  control panel.

In the System and security caterity.click System.click

Advanced System settings.

The system properties modal displays,

Click environmental variables.

In the System Variable is Sections, select path and click
edit, Edit environment

Variable modal displays.

step④: open mongo shell 4.0.from
     C:/program files/mongo DB /server bin /mongo d.exe

Step⑤: Type of the CRUD (CREATE READ UPDATE DELETE)
  commands given intent file.

CRUD operations:—

```
db. create collection ("maylab")
    { "ok" : 1 }
db. mylab insert one (item : "convas", qty : 100, tags : ["cotton"]
size : {h: 128, w: 35.5, uom : "can"} } )
    { "acknowledged" : true,
      Inserted Ids" : [
          object id ("62 7d 1598c7 3990 c074e 637d")
          object id ("62 7d1598c 7 8990c074c6397e"),
          object id (62 7d 1598c 73990 c074c6397f);
      ]
    }
→ db. maylab find {}, {item:1, qty:1}.
    { "-id" : object id ("62 7d13acc73 990c074c6397c"),
      "item" : "convas" : "qty" :100 }
    { "-id" ("object id ("62 7d1598c73 5 990c074e 0597d");
          "item" : "Journal, "qty" :25 }
    { "-id" : object id (627d1598c73990 c074e 6397e"),
          "item" : "mat ", "qty" : 85 }
    { "-id" : object id ("62 7d1598c73990 c074e6 3971"},
          "item" : "mousepod ", "qty" : 25 }
    { "-id" : object id ("62 7d132c 7399oc074e6397c"},
          "item" : "Journal";
          "qty" :100 }
          "size" : {
              "h" : 28,
              "w" : 35.5,
              "uom" : "com"
          }
    }
```

```
> db.mylab.delete ona ({Item:"Journal"}

.....
.....

> db.mylab.find ({}, {Item:1, qty:1}).pretty()

{
  "_id": object Id ("62721598C73990C074e6397e");
  "Item":"Journal", "qty":25 }
{ "_id": objectId ("627d1598C7399 0C074e6397e"),
  "Item":"mat", "qty":85}
{ "_id": objectId ("627d1598C73990C074e6397f"),
  "Item":"mousepad", "qty":25}.
```
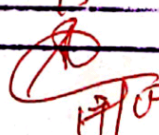
Result: The implementation of CRUD operations like creating, inserting, finding and removing operations using mongoDB is successfully executed.