CRUD operations in Document DataBase

Aim:-

To perform Mangoose using NPM design or mongo DB designing document database and performing CRUD

Steps:

step 1) install Mongo db using following link
https://www.mongodb.com/ by / download

Step2) install Mango b using the below link
https://www.mongodb.com/docs/mongodb-shell

Step3) To add the mongo DB shell Binary location

Step4) Open, Mongo Shell 4.0 from C:\program files.

Step5) Type the CRUD (create. Read update Delete)
COMMANDS GIVEN IN TEXT FILE

CRUD operation:

1. Create database
   db. create collection ("products")
   {"ok":1}

2. Insert one products:
   db. products. Insert one ({name :"laptop",
   price : 8500)
   Category : "Electronics", Stock : 25, tags: ["intel"],
   details: {brand : "Hp", warranty :"2 years" }}
   output:
   {"acknowledged", true.
   "InsertedId : object Id ("62a1b3acc") }

3. Find one product (Read)
   db. Products. find ({name:"Laptop"}}

output:
```
{ "id" : object ('62a1630cc'),
    "name" : "laptop")
    "price ": 85000)
    "category": "Electronics')
    "Stock" : 25,
    "tags" : ["intel"] }
```

4. insert multiple products

```
db.products.insert many ([{name : "smartphone",
price : 25000, categories: "Electronics ",
    Stock : 50, tags: ["android", "sm"], details brand
    "Samsung " } },
    {name : "To shirt ", price", 799, categories:
" Partion ", stock : 100, tags ["Ceston", "blue" ]. details
    [brand, Nike },
```

output:
```
{ "acknowledged " : true,
  " presented nds": [
        object id ("62a1bs 79c "),
        object id (" 62a1b500c ")]
    }
```

5) Display selected field

```
db. products.find (), {name :1, price : 1, stock : }
```

output:

{"id", objects ("620lbsoo"), "name", "t shirts", "price": 799 "stock": 150}.

b) prettify format :

db. products . find ({ 3, name :1, price :1, Stock=1})
                                          . pretty()

output :

{"id": objects id ("629lbsaoc"), "name", "tshirt", "price": 799 "stock": 750}.

Delete one product

db. products . delete one ({name : "T-shirt"})

output :

{"acknowledged", true, "delete count": 1}

final display :

db. products . find ({3 .{name :1, price:1, stock :"3}. prodfuc)

output:

{ "id" : object id ("62a1b3acc") , "name": "lapto",
"price": 85000 , "stock": 25}

{"id" : object id ("62a1bsoac") , "name": "smartphone",
"price ": 25000 , "stock": 50}.

Result:

Thus, a implementation of CRUD operations like
Creating , inserting , finding , and removing .

operations using mongo DB is executed Successfully.