

CRUD operation in Document database

Aim:- To perform mongom using new design on mongodb designing document database and Performing CRUD.

Step: 1 : In All mongoh using following
<http://www.mongodb.com>
 buy / download.

Step 2 : install mongod using following
 the below.

<https://www.mongodb.com/docs/mongodb-shell>

Step 3 to add the mongod shell
 binary location

Step 4: open man shell. u.o from
 C:" program files

Steps : Type the CRUD (create, Read,
 update, delete.)

commands given in the text file
 CRUD operation

1. Create database

use create collection (prichene)

2. Task 11

2. insert one product:

db.mobile phone product insert one (

{name: "Realme", price: 30000, category:

"electronic device", stock: 25, tags:

("opp"):

details: {brand: "Realme", warranty:

year 2)

output

{ "acknowledged": true;

"insertedId": ObjectId("62916394")

}

3. find one mobile product (read)

db.product find (name: realme)

output:

{ "id": ObjectId("62916394").

"name": "Realme",

"price": 30,000.

"category": "electronics",

"stock": 25,

"tags": ["oppo"]

4) insert multiple mobile products

db.mobile product insert many {

```

    "Electronics" stock = 50, tags ("android",
    "ic+a"] details (brand "redmi" 3) }
    { name : "redmi", price 25000, category
    "Electronics" stock = 30, tags ("oppo") }

```

Output:-

```

    { "acknowledge" true )
    "insert details" ic
    object id ("62a1b3acc")
    object id ("62a1b500c")
    }
    }

```

5) Display selected field

```

db.mobile product find ( ), { name : 1
    price : stock 13 )

```

output:-

```

    { "id" : object id ("62a1b3acc")
      name : "redmi" price : 25000
      "stock 253
    { id : object id ("62a1b500c")
      "Redmi, price = 25000"
      stock : 30 }

```

6) Pretty format

```

db.mobile product find ( { 3, { name :
    = 1, price = 1, stock = 13 } pretty )

```

Output:-

output:-

{ "id" : object id ("62a1b3aa") :
"name" : "realme", "price" : 30000,
"stock" : 21

{ "id" : object id ("62a1b3aa") : "name"
"smart phone" : price 21000
"stock" : 303

{ "id" : object id ("62a1b3aa") : "name"
"realme", "price" : 35000
"stock" : 351

{ "id" : object id ("62a1b3aa") : "name"
"realme", "price" : 25000
"stock" : 30 }

Delete one mobile product

db mobile product delete one

({ name : "realme" })

output:-

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

final display

db mobile product find { name : "realme" }

price : 1 stock : 13) mobile product

output:-

Σ'id': object id ("62a1b3acc")

"name": "real me": "price" 20,000

"stack": 253

Σ'id': object id ("62a1b3992")

"name": "real me" "price"

20000: "stack" 2313

VEL TECH	
EX No.	
PERFORMANCE (5)	10
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	
TOTAL (20)	16
SIGN WITH DATE	14/10/20

Result:- Thus, implementation of CRUD operation like creating inserting finding and removing is executed successfully.