CROD Operations In Document Data bases.

Aim:- To perform mongoose using NPm design on mongo DB designing document database and performing KOD operations like creating inserting qu-ering finding and removing.

Steps :-

Step 1:- Install mongo db using following link.

https://www.mangodb.com/try/download/community.

Step 2:- To add the mongo DB ~~saw~~ shell binarys location to your path environment variable.

open the control panel.

In the system and security category, click system.

Step 3:- Open mongo shell 4.ofronc:|program files| mango DB/serve|.bin| mongod..exe.

Step 4:- Type the CROW (Create Read update Delete) commands given in text file.

CROD operations:-

```
db. app create collection ("my lab").
    {"ok":1}
> db.my lab insert one ({item:"canvas", qty:100,tags.
("cotton"), size {h:25, w.35, Drm "}}]
{
"acknowledged": true.
"inserted Id": object ID ["627 d:3acc"]
}.

> db.mylab find ({item:"canvas"})
{"-id": object Id ("627 d 13acc 7399): "item":
```

```
"canvas", "qty" >db.my lab.insert many [{item:
journal", qty : 25, lags : [" blank", led "].
{
"ac know ledged": true,
"inserts Ids":[
        object Id ["627d 1598c73990 "d].
        object Id ("627d 1598c73990"f);
    ]
} > db.my lab..find (d} {item : 1, qty :1})
{ v-id".: object Id ("627d13 acc 7399c074c63
                        97c"), "item":
        canvas", "qty";100}
{v-id", object Id ("627d 13a cc7399c074 66397d"
                "item "
        canvas", 'qty ";23}
{"-id": object ID ("627d13 acc 73996 074 66397f")
"item "canvas' qty; 85}
{ -id": object Id ("627d 13acc");
    "item ": "canvas",
    " qty " :100
    }
        {"-id": object Id (" 627d 1598c")
        "item " : " journal")
        " qty " :25
    }
{"-id": object Id ("627d1598c.73990"),"item": "not",
    "qty" ,85}
"-id": object Id ("627d 1598).
```

```
   "item" : "mouse pad",
    "qty" :25
   }
 > db.my lab.find ({ item: "canvas"})
 {
  "_id": object Id ("627d13acc")
  "item": "canvas",
  "qty":100;
  "tags": [
  "cotton"!
       ]
  "size": {
  "h" :28
  "w" :35.5
  "vom" :"cm"
       }
   }
 > db.my lab delete one {item: "journal"}
 > db.my lab.find ({) {item: 1, qty:1})
 {
  "_id": object Id ("627d13ac");
 "item": "convas",
  "qty":100
  }
 "item":"journal"
 }
 {"_id": object Id {"627d1598573930c
  "item": "mat"
  {
```

VEL TECH-CSE	
EX NO.V	10
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	
TOTAL (20)	18
SIGN WITH DATE	

Result :-

The implementation of crud operations like crea
-ting inserting, finding and removing operations
using mongoor is successfully executed -