## Task-10: CRUD Operations in Document Databases

Alme To Portosm Mangoose using NPM design on Mongoose designing document database and portorming CRUD operations like coreating, insorting, quelying, finding and semoving operations.

Steps 8

Step-1: Install Mangodb asing Lollowing link.

https.//www.mangodb.com/toy/download/community.

Step=28 Pretall Mongosh using the below link.

https://www.mangodb.com/docs/mangodb-stell/#download -and- install-mangash.

step=38 To add the Mango DB stell binary's location to your PATH environment variable:

open the Control Panel.

In the system and security category, clicksystem.

click Advanced system settlings. The system Proporties model desplays.

click Envisonmental variables.

In the system variables section, select path and click Edit. The Edit environment variable modal displays.

click New and add the folepath to your morgash biraly.

click OK to an firm your changes. On each other model, dick OK to an firm your change.

To confirm that your PATH onvisonment valuable is correctly configured to find mangosh, open a command prompt and enter the mangosh - telp command.

It your PATH is configured correctly, a list of valid

```
Step-4: Open mango shell 4.0 Lom.
 0: | program feles | mongo DB | server | bin | mongodiexe.
Steps: Type the CRUP (CREATE READ UPDATE DELETE)
COMMANAS GIVEN IN TEXT FILE.
CRUP OPERATIONS.
db. coreate Collection ("my (ab")
2 "ok": 13
db. mylab. Present one (& Hem": Com vas", 2ty: 100, tags: ["cotton"],
8/20 1 8 h: 28, 2135,5, 40mi cm " gg).
"acknowledged": true,
"Proonted Id": 0 b ged Id ("627d 18acc 789900074e 6397c").
> db. my lab. And (Etem: "com vas"})
{"_ id" 10 biect Id ("627d Bacc73990c074e6397c"), "Hem".
"convas", "qty", 100, "togs", ("cotton"), ""?"; 28, ""; 28, "";
35.5, "uom"! "cm" ? ].
db. my lab. Presett Many ([{ item; "gownal", 2ty: 25, tags; ("blank",
4 sed"], 87 se: {h: 14, w: 21, uom; "cm"}y, { item: "mat", 2 ty: 85,
tags: ["gray"], size: $6:27.9, w:35.5, uom; "m"33, [item:
"mouse pad", 2 ty 25, tags: ["gel", "blue"], 8/20; [h:19, w: 22.85,
40m; "cm" 327)
"acknowleged", true,
"Presented Ids": [
              object Id ("627d1598c73990c074e6397d"),
               Object Id ("027015986739900 074063970"),
```

object Id (" 62) d1598 c 73990 c 074 e 63 97 8")

```
3
> db. my (ab. And(2) & Hem: 1, 24: 13)
5"-12" 106 get Id ("627d13acc73990c074e6397c"), "Hem";
" com vas" " 2ty": 100 }
{"-1d" 106ged Id ("627d1598c78990c074e6397d"), "ffem":
"gownal", 2 ty": 253.
$ 4_9d", objectId ("027d1598c73990c074e6397e"), 49tem"1
"mat", "ety" :85 3.
S'_ Ed"; object Id ("627d1598c78990c074e63978"), Fkm";
"mousepad", "24", 253
> db. mylab. And ( {3, {item: 1, et: 13). poetly ().
 "-9d": 06ged Id ("627d13acc73990c074e6397c"),
"Hem"; "com vas",
"Ety": 100.
"_ ?d": 063edId (4627d1598c78990c074e6397d"),
"Hem": "gocaral"
 "ety": 25.
3"_9d"; Object Id ("627 d 1598c 73990c 074e6397e"), "ifem"; "mat")
 "2ty" 1854.
"-98"; object 2d ("02 7d 1 89& 73990 co74e 63974"),
 "Hem" | "nouse pad",
 "2ty" : 25.
>db. mylab. find (2 Hern: "com vas"), proety 1). sort ( Estem: -13)
3
```

```
" 91" : object Id ("0271 139 acc 73990 c074e6397c"),
     " ?ters"; " comvas"
       "2ty" 100,
       "tag" : [
      "cotton"],
    "Size" : }
         "h": 281
        "0": 35.5,
     "com": "cm"
   3
> db.my(ab. de lete ore (5 9tem; 4 gousnal "3.
  >db. my lab. find ( & g, & item: 1, 24:13). poetly ().
    "-id": 06 geof Id ("627 d 13 acc 7 3990 c 07 4 e 6397 c"),
  "Hem"; "camvas"
    "2ty": 100
   "- 81" ( object Id ("627d1598C739900074e6397d");
  Hemy! "gownal"
      "2ty" 125
  3 "-id": Object Dd ("627d1598c73990coff4e6397e4), "Hem": "mat",
    "ety": 85 }
  EXNO.

[EX NO.

[EX NO.

[A 10 b] ect Id ("627 d IS 98 PREMANELO] 40 CB PR
  Result? Thus the Domplementation of CRUD
  operations like creating, inserting, fording this executed.
```