PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE Department of Computer Engineering A.Y. 2020-21 SEM – I Subject: DBMSL

MOCK II

Batch: K3 Roll no: 31302

Name of student: Aditya Sawant

Problem statement: Design and Implement any 5 query using MongoDB

• Sorting data in ascending order

```
        ☑ Command Prompts
        — ② X

        > db.dcalls.find():precty().sont(("salary":1));
        ...

        ("niame" : "objectId("5fc5e8dd7ee55e82dda0e077"), "name" : "firstName" : "akshay", "lastName" : "nahayan" : "jage" : ?), "occupation" : ("pole : "engineer", "type : "computer" ), "salary" : 12000
        ...

        ("all : ObjectId("5fc5e8dd7ee5se82dda0e072"), "firstName" : "patil" ; "alstName" : "patil" ; "alstName" : "patil" ; "alstName" : "patil" ; "salary" : 60000
        ...

        ("all : ObjectId("5fc5e8dd7ee5se82dda0e078"), "name" : "firstName" : "pandey" ; "salary" : 60000
        ...

        ("all : ObjectId("5fc5e8dd7ee5se82dda0e078"), "name" : "firstName" : "pandey" ; "salary" : 60000
        ...

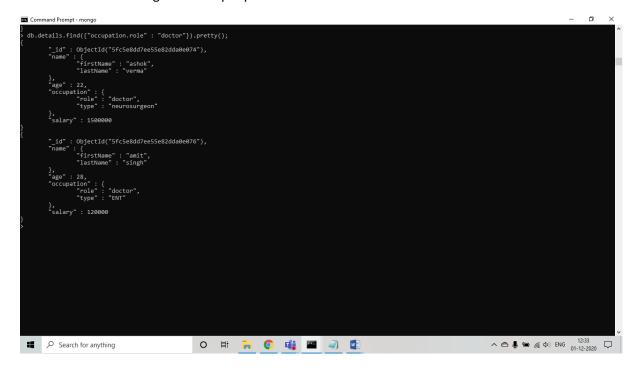
        ("all : ObjectId("5fc5e8dd7ee5se82dda0e078"), "name" : "firstName" : "pandey" ; "salary" : 75800
        ...

        ("all : ObjectId("5fc5e8dd7ee5se2dda0e073"), "firstName" : "atharva", "pail : "angineer" ; "ype" : "cletrical" ; "salary" : 75800
        ...

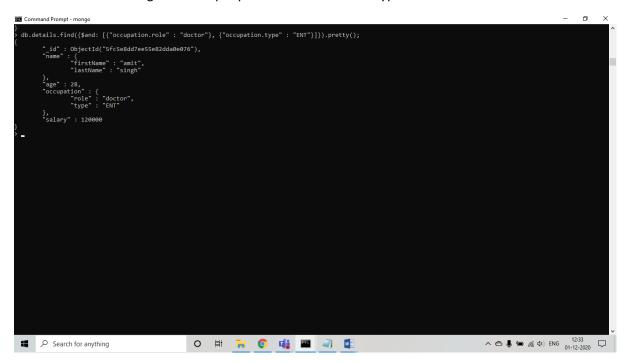
        ("all : ObjectId("5fc5e8dd7ee5se2dda0e073"), "firstName" : "atharva", "pail : "
```

```
Command Prompt - mongo
                                                                                                                                                                                                                                       Ð
           "_id" : ObjectId("5fc5e8dd7ee55e82dda0e073"),
"name" : {
                      : {
  "firstName" : "atharva",
  "lastName" : "sharma"
           },
"age" : 25,
"occupation" : {
    "role" : "engineer",
    "type" : "mechanical"
           },
"age" : 25,
"occupation" : {
    "role" : "engineer",
    "type" : "computer"
}
           "_id" : ObjectId("Sfc5e8dd7ee55e82dda0e076"),
"name" : {
    "firstName" : "amit",
    "lastName" : "singh"
          },
"age" : 28,
"occupation" : {
    "role" : "doctor",
    "type" : "ENT"
           "_id" : ObjectId("5fc5e8dd7ee55e82ddaθeθ74"),
"name" : {
    "firstName" : "ashok",
  ■ P Search for anything
                                                                      O 🛱 🔒 🧿 🐗 🔤 🥥 📲
                                                                                                                                                                                                Command Prompt - mongo
                                                                                                                                                                                                                                        "_id" : ObjectId("Sfc5e8dd7ee55e82dda0e075"),
"name" : {
    firstName" : "ashish",
        "lastName" : "patil"
           },
"age" : 25,
"occupation" : {
         "role" : "engineer",
         "type" : "computer"
           "_id" : ObjectId("Sfc5e8dd7ee55e82dda0e076"),
"name" : {
    firstName" : "amit",
        "lastName" : "singh"
          },
"age" : 28,
"occupation" : {
    "role" : "doctor",
    "type" : "ENT"
           },
"age" : 22,
"occupation" : {
    "role" : "doctor",
    "type" : "neurosurgeon"
  ■ Search for anything
                                                                      O 🛱 🙀 🧿 🍕 🔤 🥥 🐠
                                                                                                                                                                                                 ^ ♠ ▮ ៕ (€ Φ)) ENG 12:32 □
```

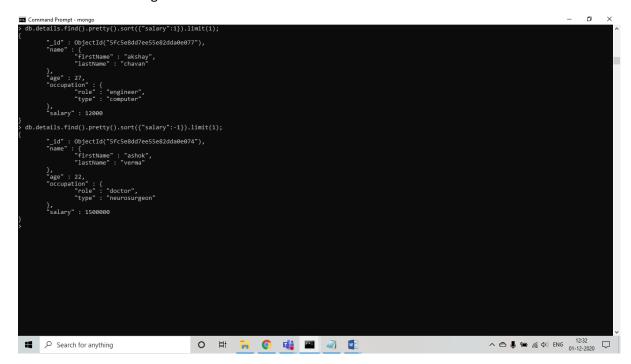
• Finding details of people who are doctors



Finding details of people who are doctors of type ENT



• Finding max and min from data



• Finding number of documents in Collection

