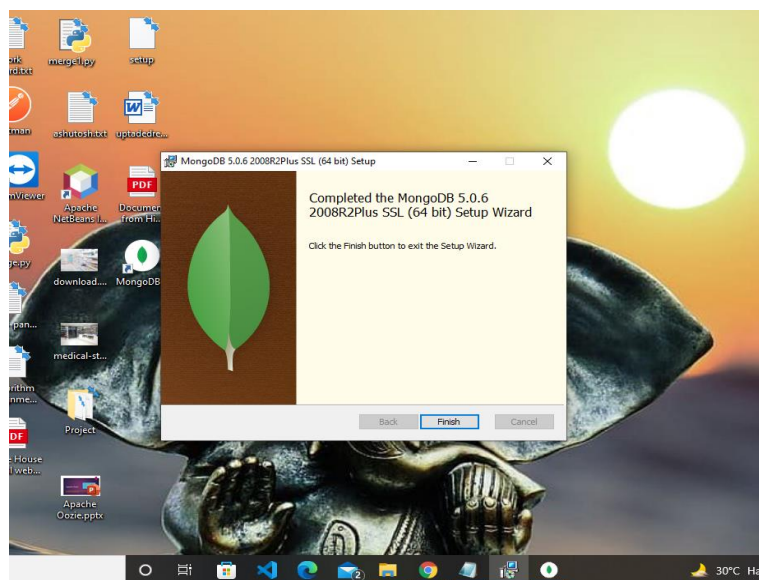
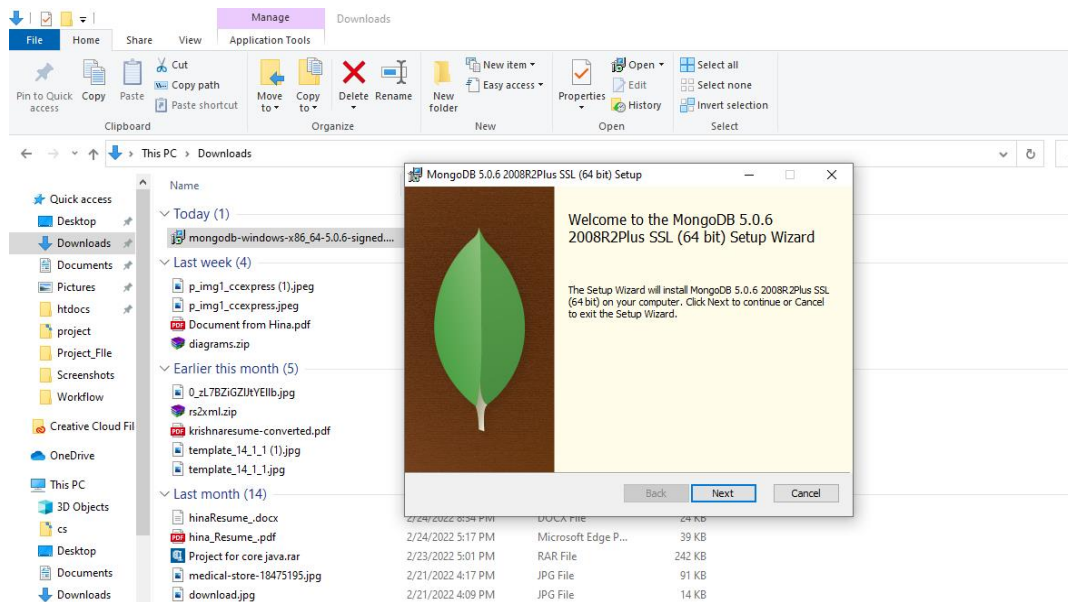


# BIBD Mini Project

**Aim:** Implementation of NOSQL database using mongodb.

**Step1:** We need to download mongodb from <https://www.mongodb.com/> website.

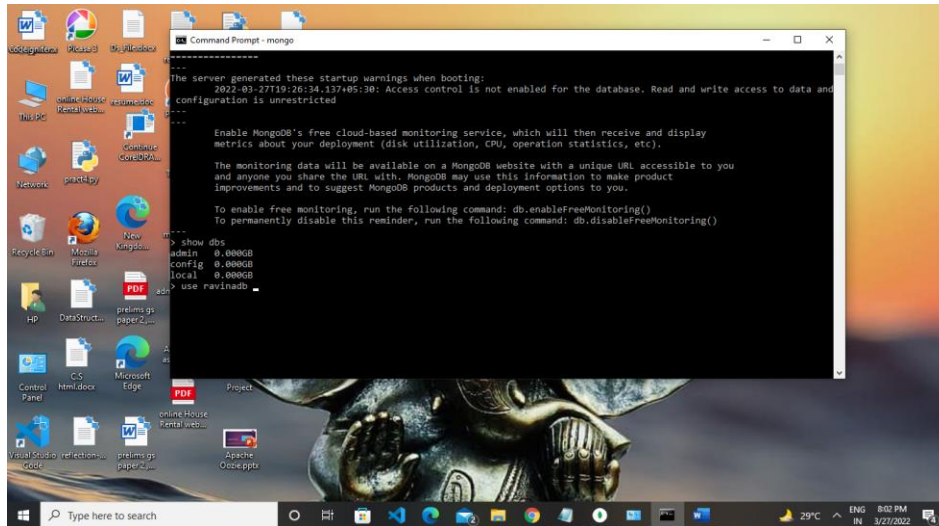
**Step2:** After successfully downloading mongodb we need to install it in our system.



**Step3:** After successfully installation of the mongod db we need to set path variable of the bin file of mongod db in environment in system

.eg “C:\Program Files\MongoDB\Server\5.0\bin”

**Step4:** After setting path variable we can easily use mongo command in cmd and run mongod db shell.



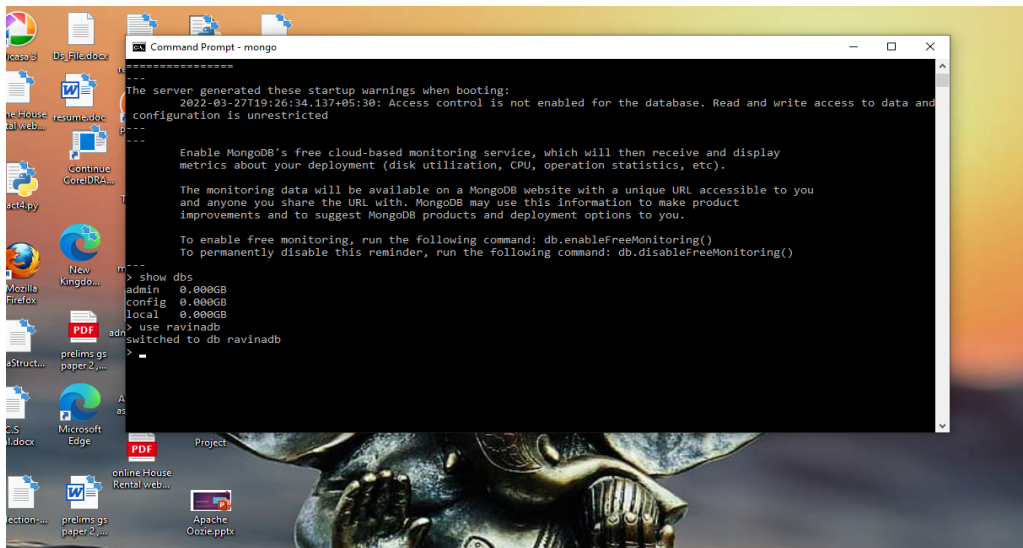
The screenshot shows a Windows desktop with a Command Prompt window titled "Command Prompt - mongo". The window displays the MongoDB shell interface. The prompt is "mongo>". The user has entered the command "show dbs", and the output is:

```
admin 0.000GB
config 0.000GB
local 0.000GB
```

The user has also entered the command "use ravinadb", and the output is:

```
switched to db ravinadb
```

**Step5:** show dbs command shows the database available in mongod db.



The screenshot shows a Windows desktop with a Command Prompt window titled "Command Prompt - mongo". The window displays the MongoDB shell interface. The prompt is "mongo>". The user has entered the command "show dbs", and the output is:

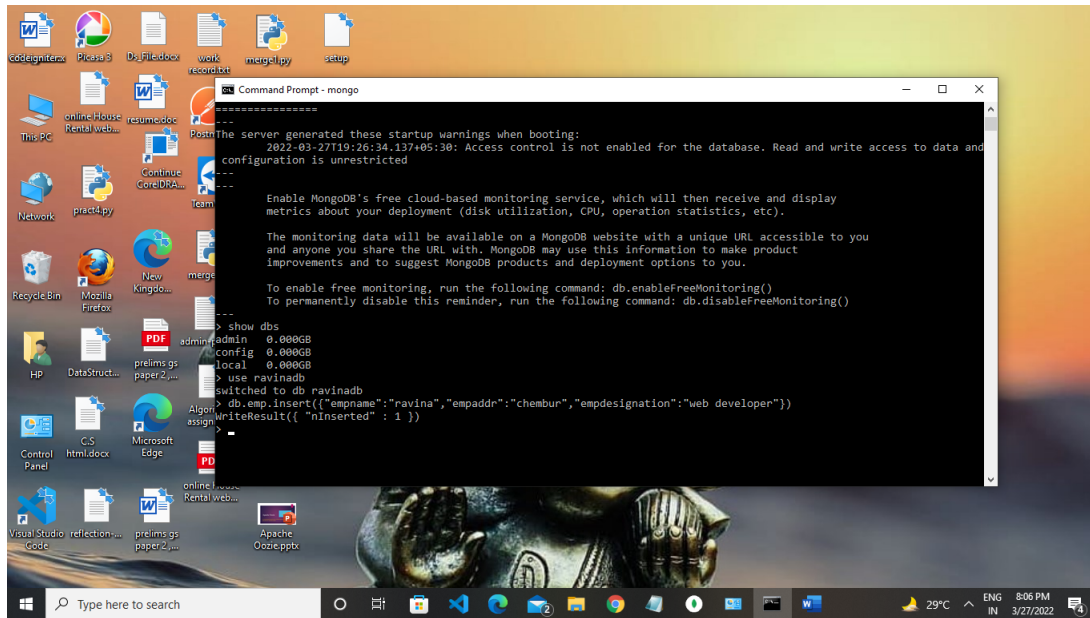
```
admin 0.000GB
config 0.000GB
local 0.000GB
```

The user has also entered the command "use ravinadb", and the output is:

```
switched to db ravinadb
```

**Step6:** To create our own database in mongodb we need to write  
“use databasename”

Eg. use ravinadb (here ravinadb is the name of data base)



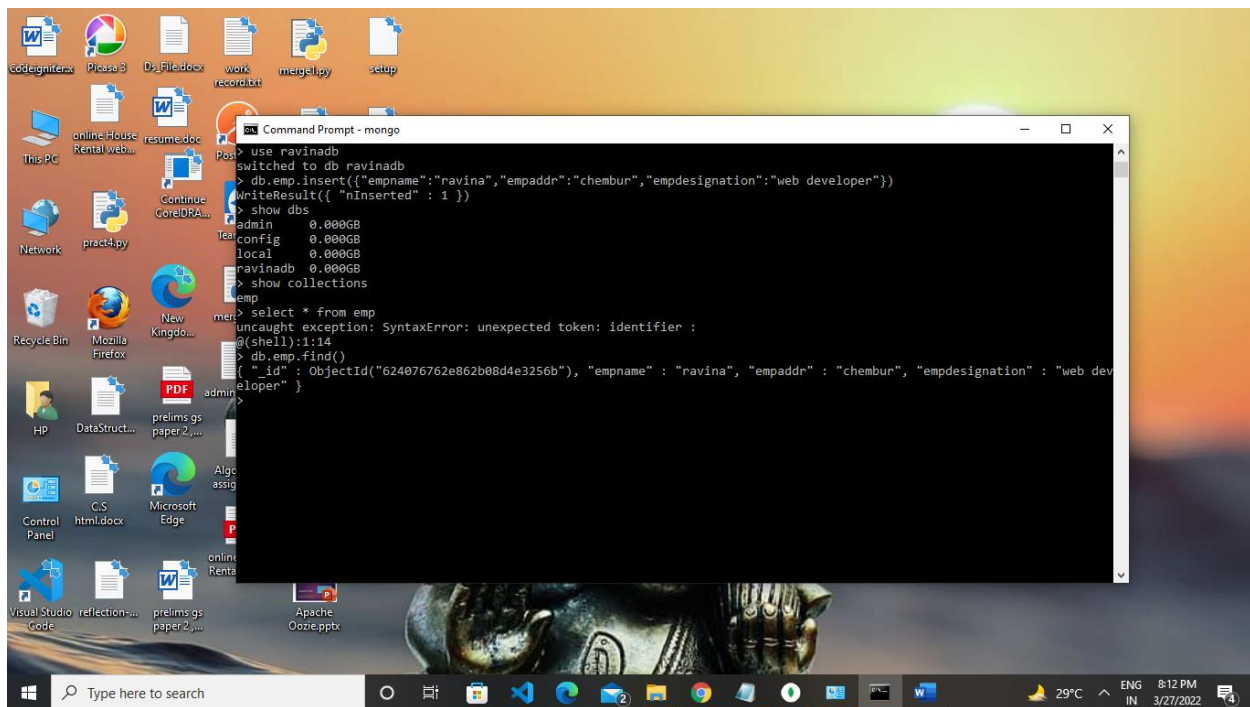
**Step7:** To create collection in database we need to write

**Code:**

```
db.emp.insert({"empname":"ravina","empaddr":"chembur","empdesignation":"web developer"})
```

**Output:**

```
WriteResult({ "nInserted" : 1 })
```



**Step8:** To view our collection we need command “**show collections**” and to display record of collection we need to write command “**db.emp.find()**” or “**db.emp.find().pretty()**”

