**Test Mongodb**

**Step 1**) Go to " C:\Program Files\MongoDB\Server\4.0\bin" and double click on **mongo.exe.** Alternatively, you can also click on the MongoDB desktop icon.

* **Create the directory where MongoDB will store its files.**

Open command prompt window and apply following commands

C:\users\admin> **cd\**

C:\>**md data\db**

**Step 2) Execute mongodb**

Open another command prompt window.

C:\> **cd C:\Program Files\MongoDB\Server\4.0\bin**

C:\Program Files\MongoDB\Server\4.0\bin> **mongod**

*(In case if it gives an error then run the following command:*

*C:\Program Files\MongoDB\Server\4.0\bin>* ***mongod –repair* )**

Text

Description automatically generated

**Step 4) Install PyMongo**

Open another command prompt window and run the following commands:

Check the python version on your desktop / laptop and copy that path from window explorer

C:\users\admin>**cd C:\Program Files\Python311\Scripts**

C:\Program Files\<Python38>\Scripts > **python -m pip install pymongo**

Text

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**Python script**

import pymongo

myclient = pymongo.MongoClient("mongodb://localhost:27017/")

mydb = myclient["mybigdata"]

print(myclient.list\_database\_names())

mycol=mydb["student"]

print(mydb.list\_collection\_names())

mydict={"name":"Beena", "address":"Mumbai"}

x=mycol.insert\_one(mydict)

mylist=[{"name":"Khyati", "address":"Mumbai"}, {"name":"Kruti", "address":"Mumbai"},

{"name":"Nidhi", "address":"Pune"}, {"name":"Komal", "address":"Pune"},]

x=mycol.insert\_many(mylist)

**MongoDB Script**

show dbs

use mybigdata

show collections

db.student.findOne()

db.student.find()

db.student.count()