In [1]:

```
#pip install pymongo


#open Mongodb shell and get the ip address being present at top of the shell.
```

In [2]:

```
# import pymongo and connect Mong client with the ipadress from the shell
import pymongo
mongo=pymongo.MongoClient("mongodb://127.0.0.1:27017/")
```

In [3]:

```
#execute the command mongo.list_database.names() to list all the existing databases pre
sent in Mongodb

all_databases = mongo.list_database_names()
print(all_databases)
```

```
['admin', 'bank', 'config', 'dilip', 'guvi1', 'local']
```

In [4]:

```
# Creating new database as'dilip' and collection as 'bank'
mydb=mongo['dilip']
bankcollection=mydb['bank']
```

Inserting the data into db i.e., creating the collection

In [5]:

```
# Inserting single collection using insert_one()
bankdata={'name':'Name1','accountType':'Savings','salary':60000,'incometax':5000,'locat
ion':'Mysuru'}
doc_id = bankcollection.insert_one(bankdata)
```

In [6]:

```
#inserting set of collections using insert_many()
listOfDict=[
            {'name':'Name1','accountType':'Savings','salary':30000,'incometax':2000,'lo
cation':'Bengaluru'},
            {'name':'Name2','accountType':'Savings','salary':40000,'incometax':3000,'lo
cation':'Mysuru'},
            {'name':'Name3','accountType':'Current','salary':50000,'incometax':4000,'lo
cation':'Bengaluru'},
            {'name':'Name4','accountType':'Savings','salary':60000,'incometax':5000,'lo
cation':'Mysuru'},]
doc_id = bankcollection.insert_many(listOfDict)
```

In [7]:

```python
all_databases = mongo.list_database_names()
print(all_databases)
```

['admin', 'bank', 'config', 'dilip', 'guvi1', 'local']

In [ ]: