

MONGODB PEER LEARNING DOCUMENTATION

Peer 1 - Sake Rohithya

Peer 2 - Nikhil Y M

Approach -

- Both of them used PyCharm IDLE for python code and pymongo library for connecting with mongoDB local database using below code.

```
client = MongoClient("mongodb://127.0.0.1:27017")
```

- There are two methods to load bulk data, first is using MongoClient in python and second is using mongoimport in python using os.system. Both of them used the latter one using below sample code.

```
os.system('mongoimport --db film_data_db --collection  
comments --file comments.json')
```

- Both of them used `insert_one()` and `insert_many()` function to accomplish task-3 i.e., inserting documents in respective collections.
- Now for task-4 both of them wrote the query using `aggregate()` function and having the same logic. Refer to below code for sample task4-a(i) code.

```
result1 = collection.aggregate([  
    {"$group": {"_id": "$name", "no_of_comments": {"$sum":  
1}}},  
    {"$sort": {"no_of_comments": -1}},  
    {"$limit": 10}  
])
```

- Both approaches are similar to mine. Queries for tasks also contain the same logic. But their code is written in a more organized way than me, such as including exceptional handling and user interaction.