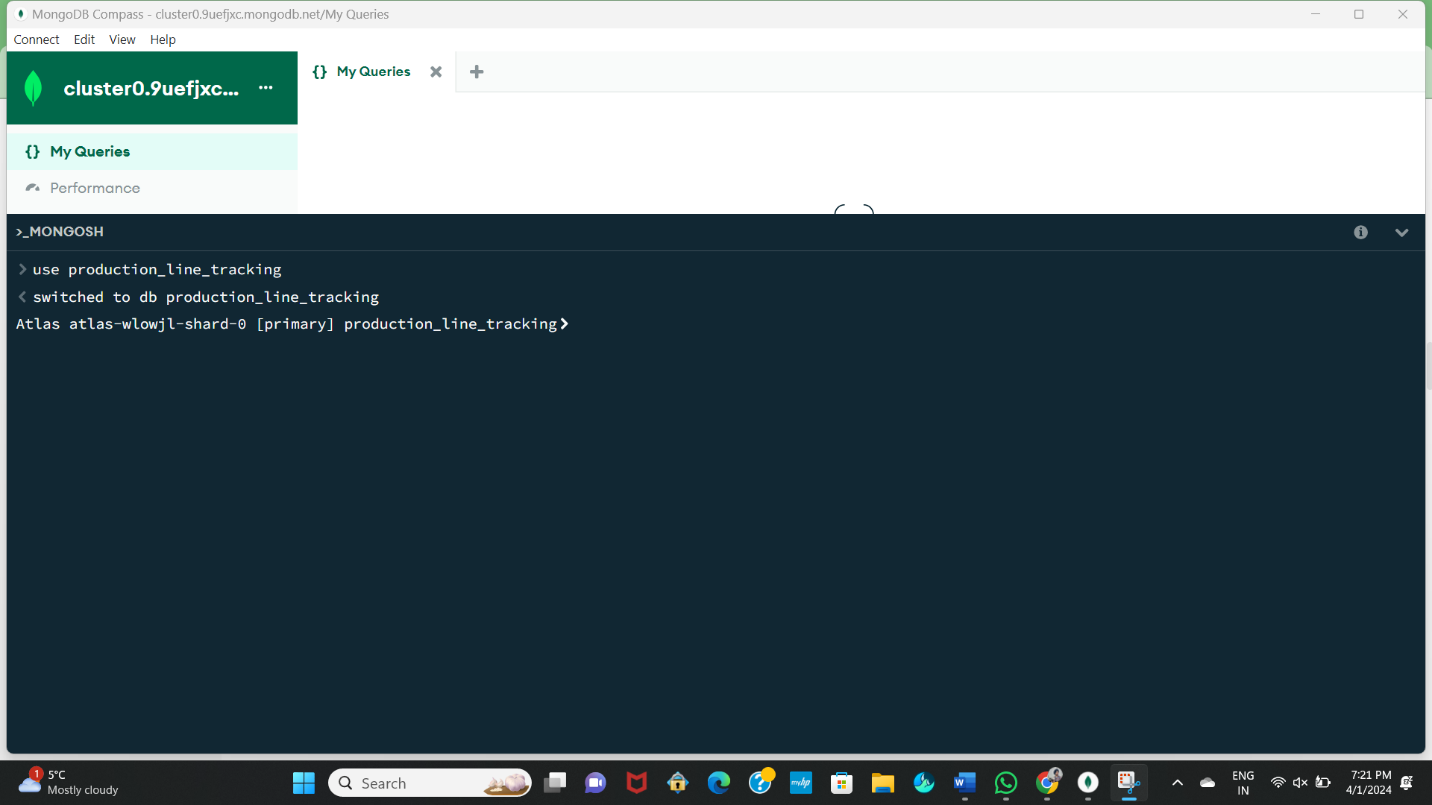
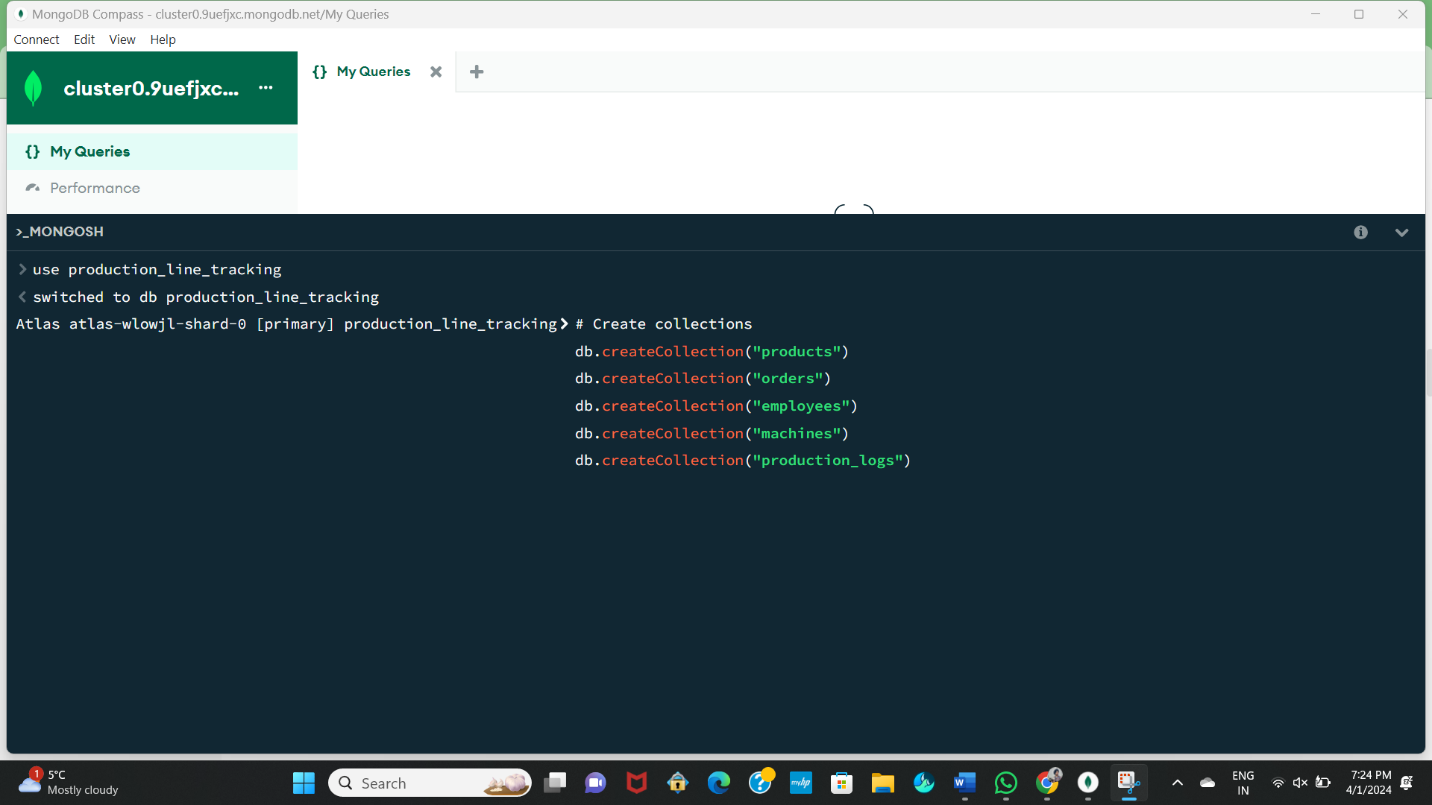
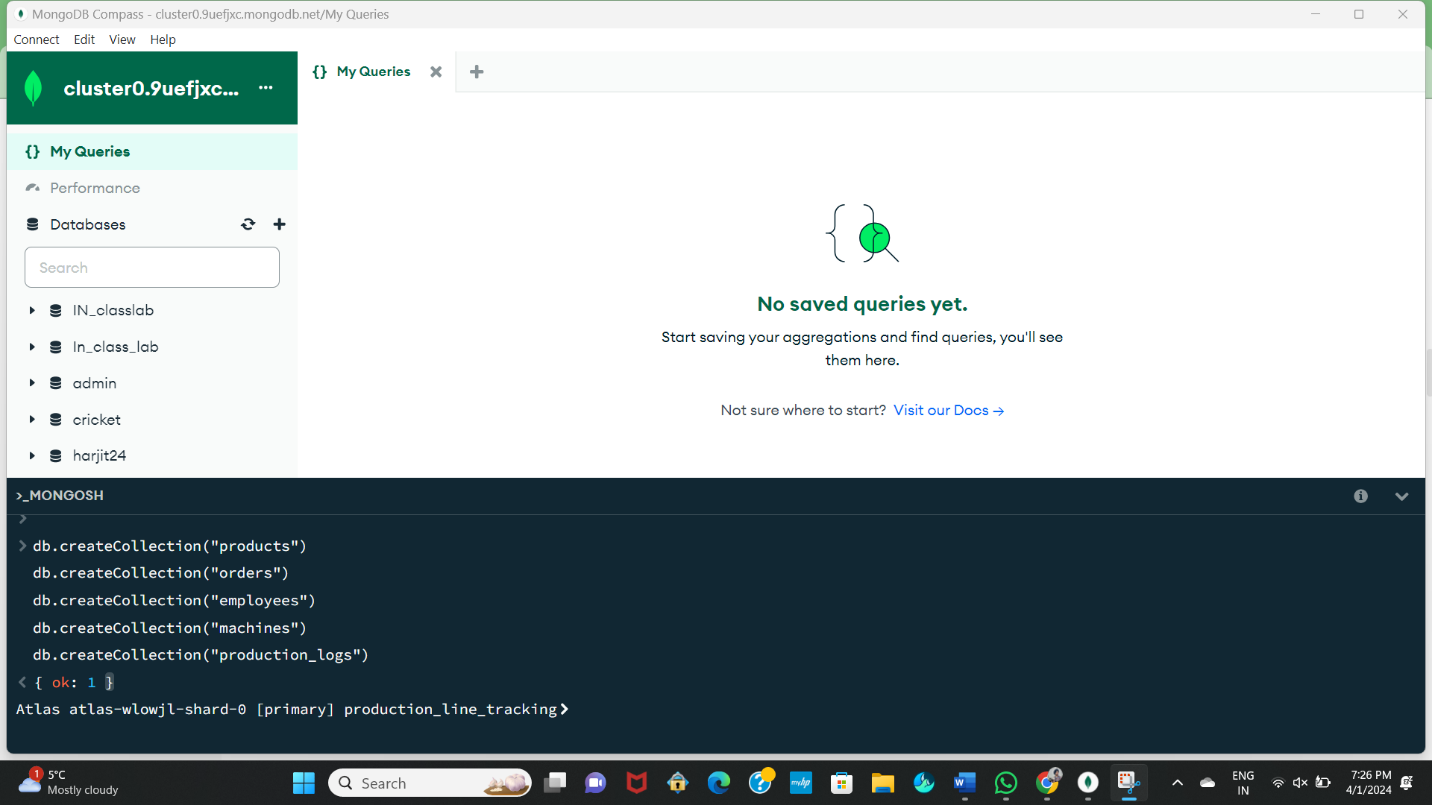
ALL THE STEPS NEED TO BE DOCUMENTED USING GITHUB Work on the tasks in the portfolio project.

- Create the Database (using mongosh, take screenshot)

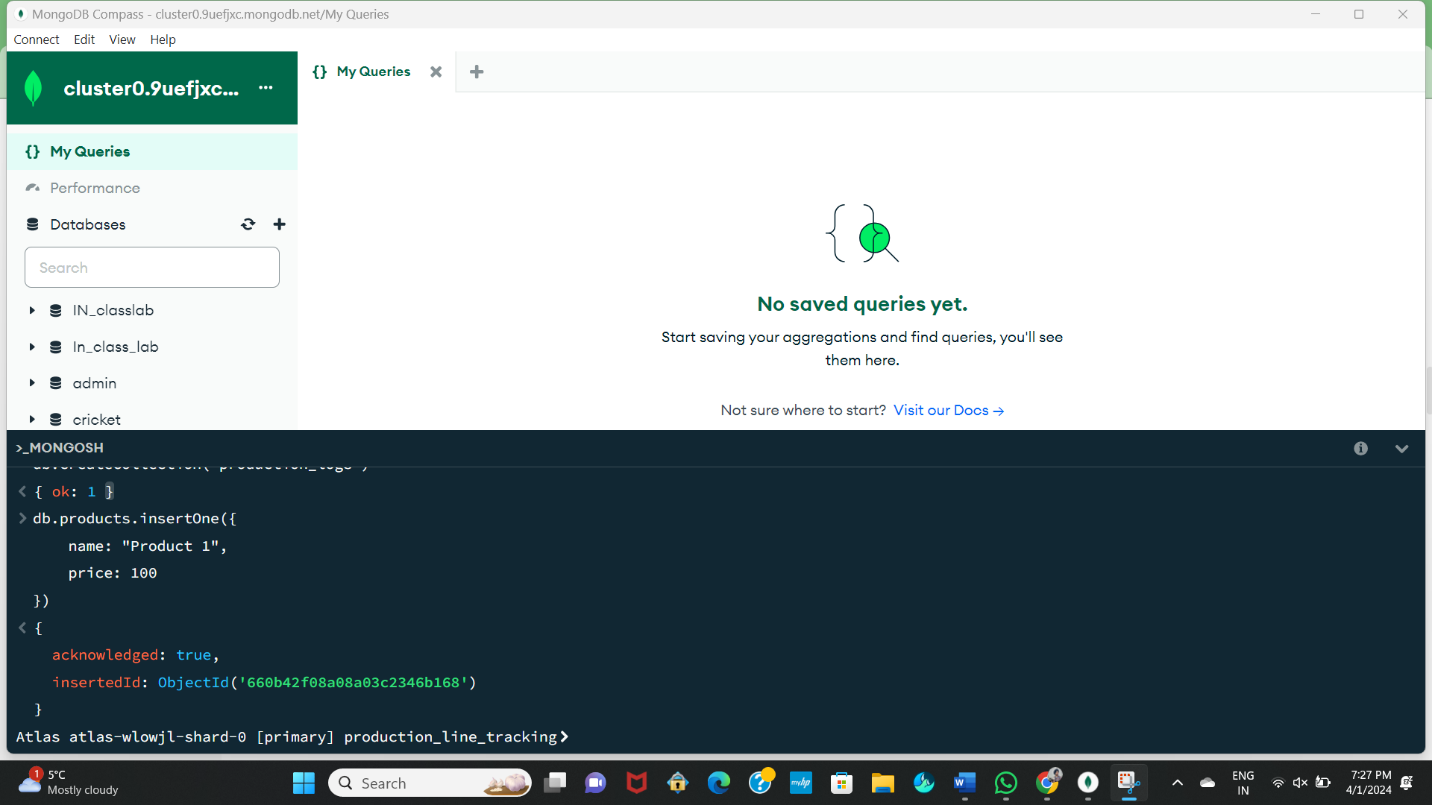


- Create the 5 collections (using mongosh, take screenshot)

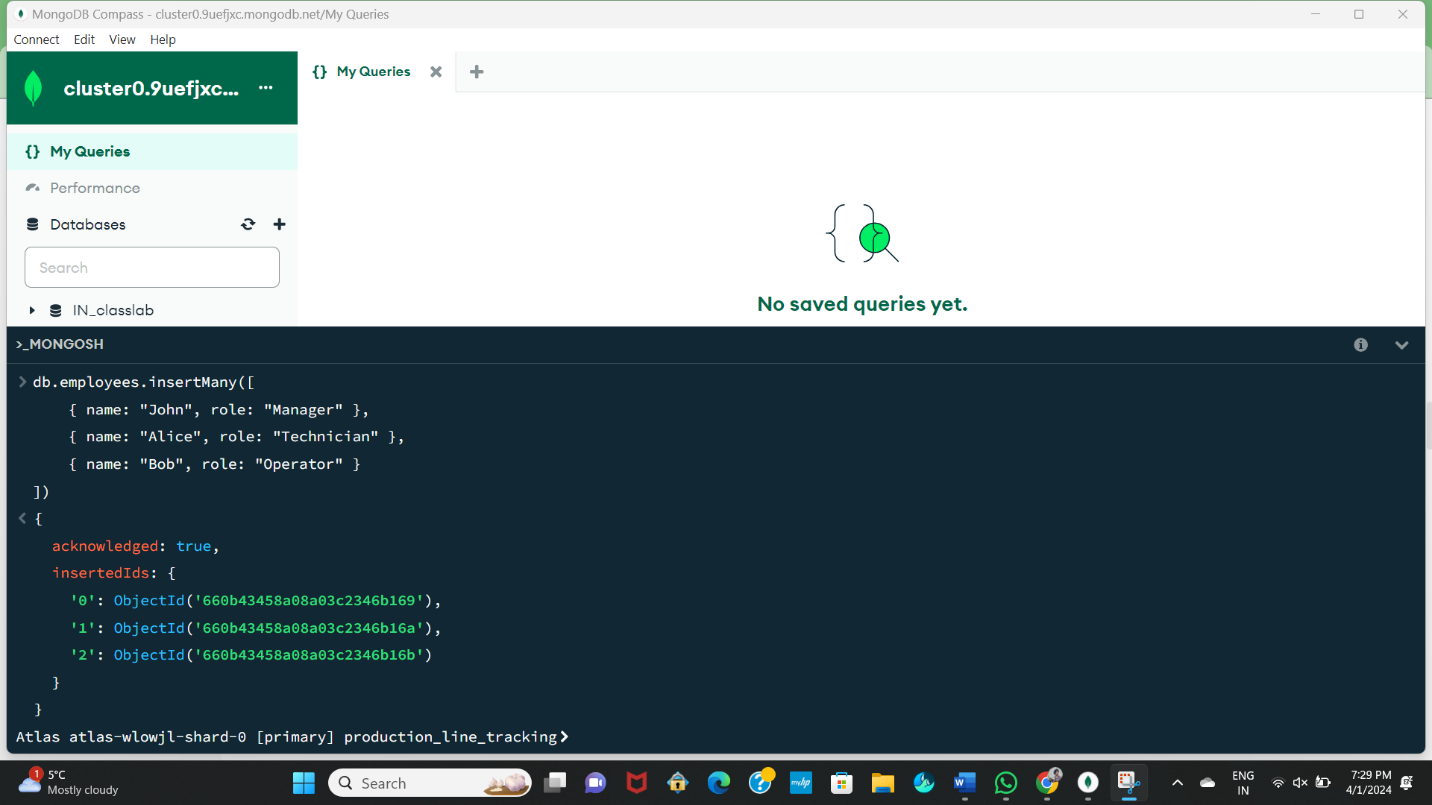




- Create a document in one of the collections using insertOne() (using mongosh, take screenshot)



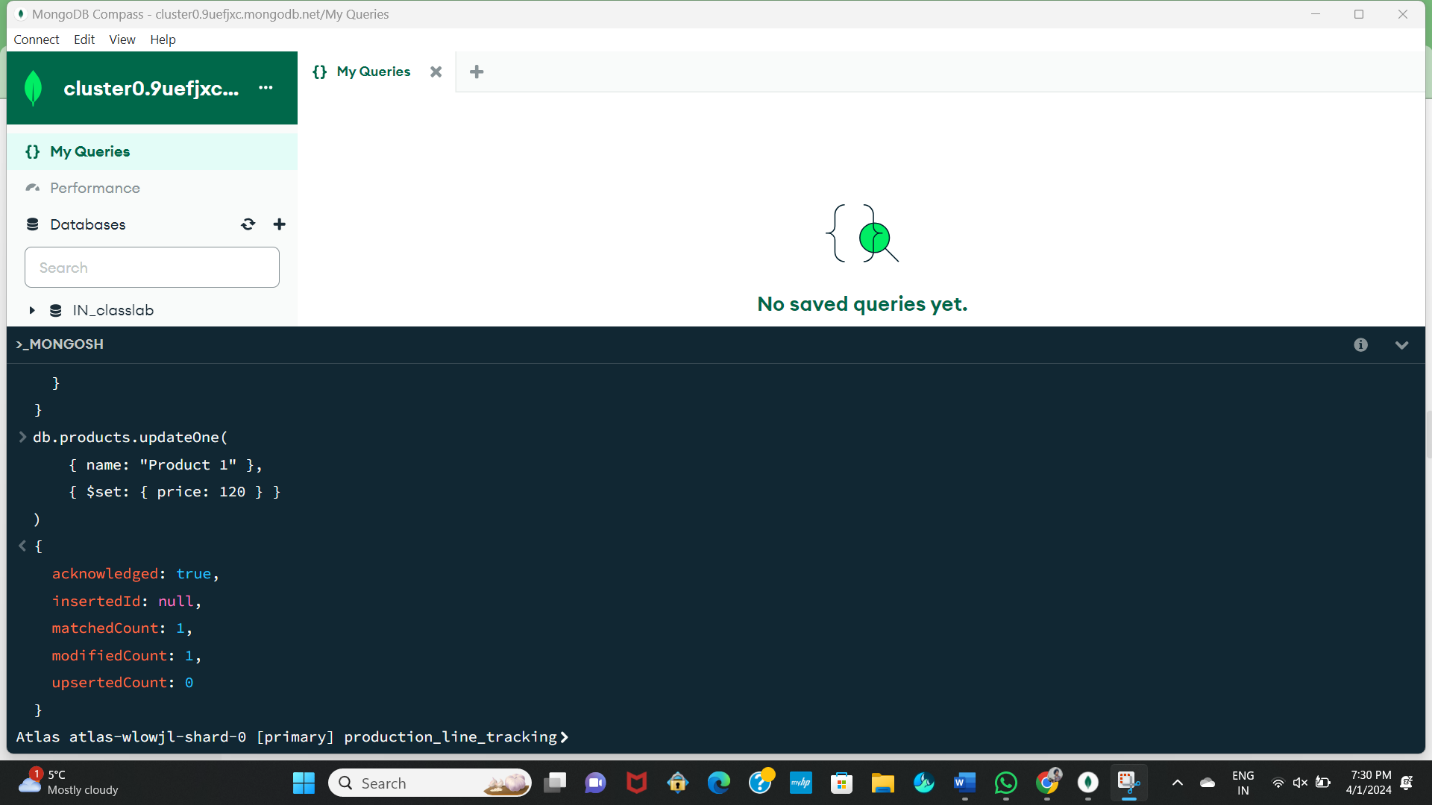
- Create 2 documents in one of the collection using insertMany() (using mongosh, take screenshot)



- Create an excel file - give it same fields as your collection. Populate the excel and upload to the collection using mongoimport command. (show this to me in class for 1 bonus mark)

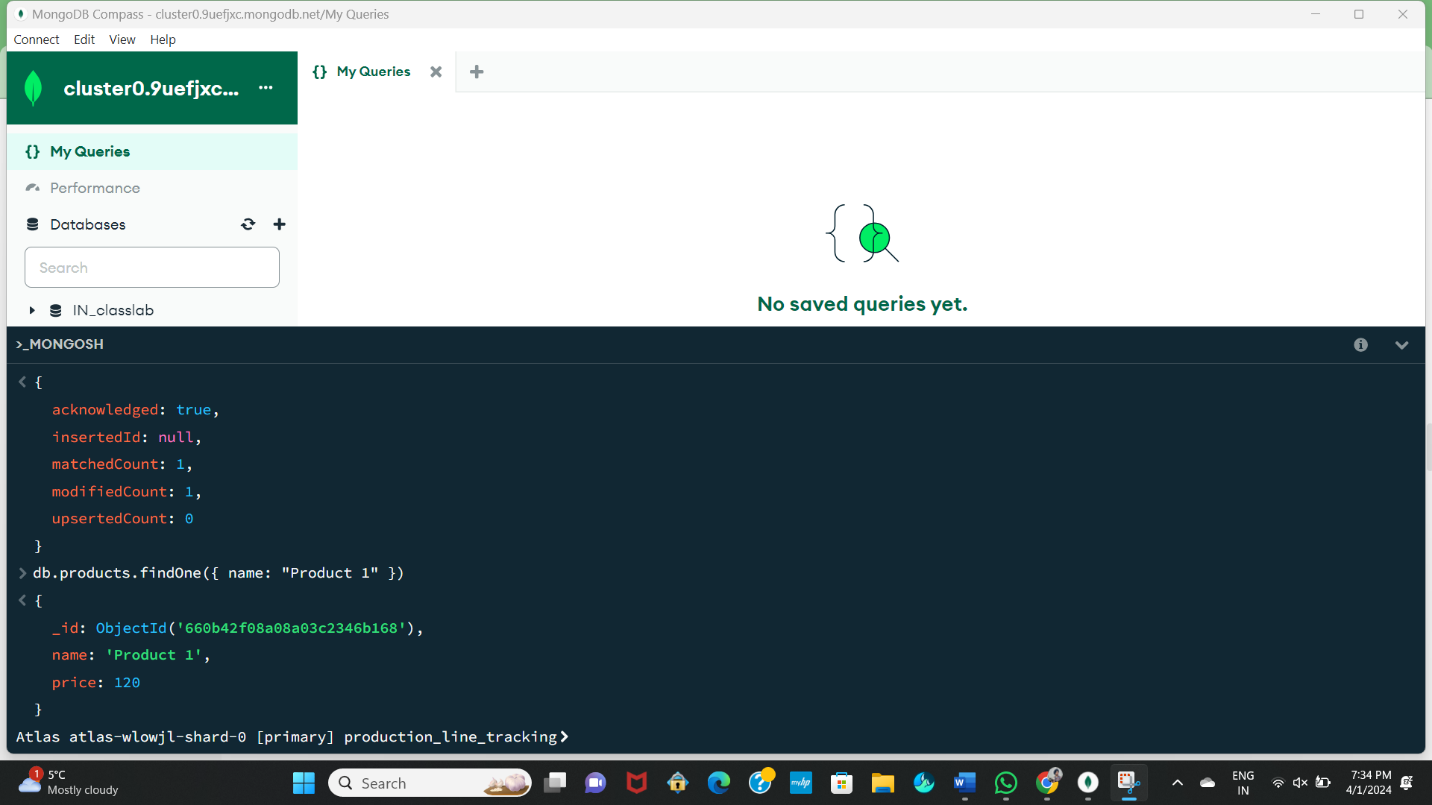
- please specify fields and data types - Populate all the collections with atleast 10 documents each (using mongosh, take screenshot)

- Update 1 document using updateOne() command - (using mongosh, take screenshot)



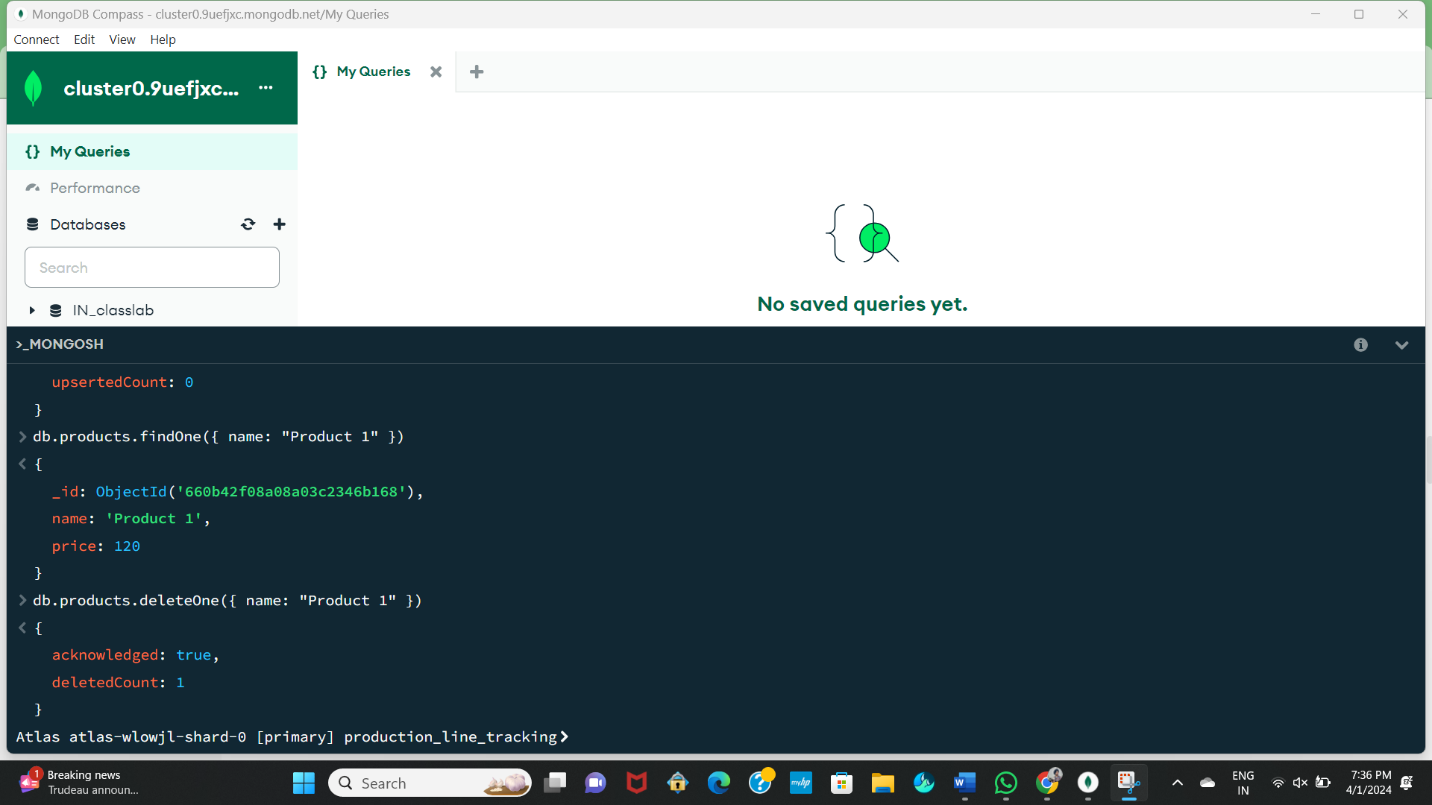
- Update multiple documents using updateMany() command - (using mongosh, take screenshot)

- Read one document using findOne() command - (using mongosh, take screenshot)



- Read multiple documents using find() command (using mongosh, take screenshot)

- Delete one document using deleteOne() (using mongosh, take screenshot)

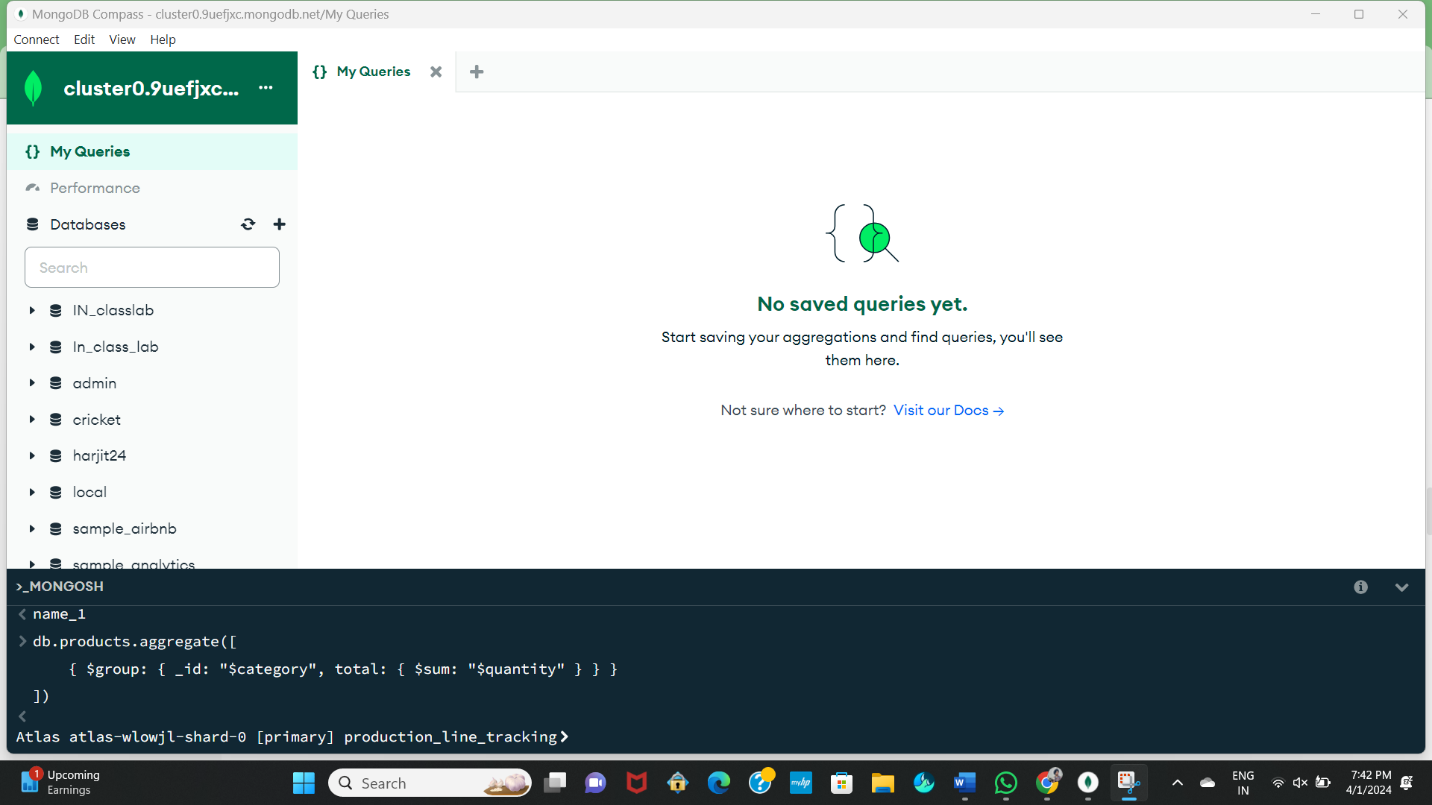


- delete multiple documents using deleteMany() (using mongosh, take screenshot)

- Create Excel file called workload.xlxs. Write down list of common queries (atleast 5). Identify Workloads on excel file. (USE THIS TUTORIAL - https://learn.mongodb.com/courses/identifying-database-workloads) - check execution stats for each query (using mongosh, take screenshot)

- Create indexes based on the workload excel file.

- check execution stats again for each listed query ((using mongosh, take screenshot)) - Show implementation of 7 different mongodb aggregation functions.



- Show at least 3 different aggregation pipelines using MongoDB - show a chain of at least 3 different functions in each pipeline

