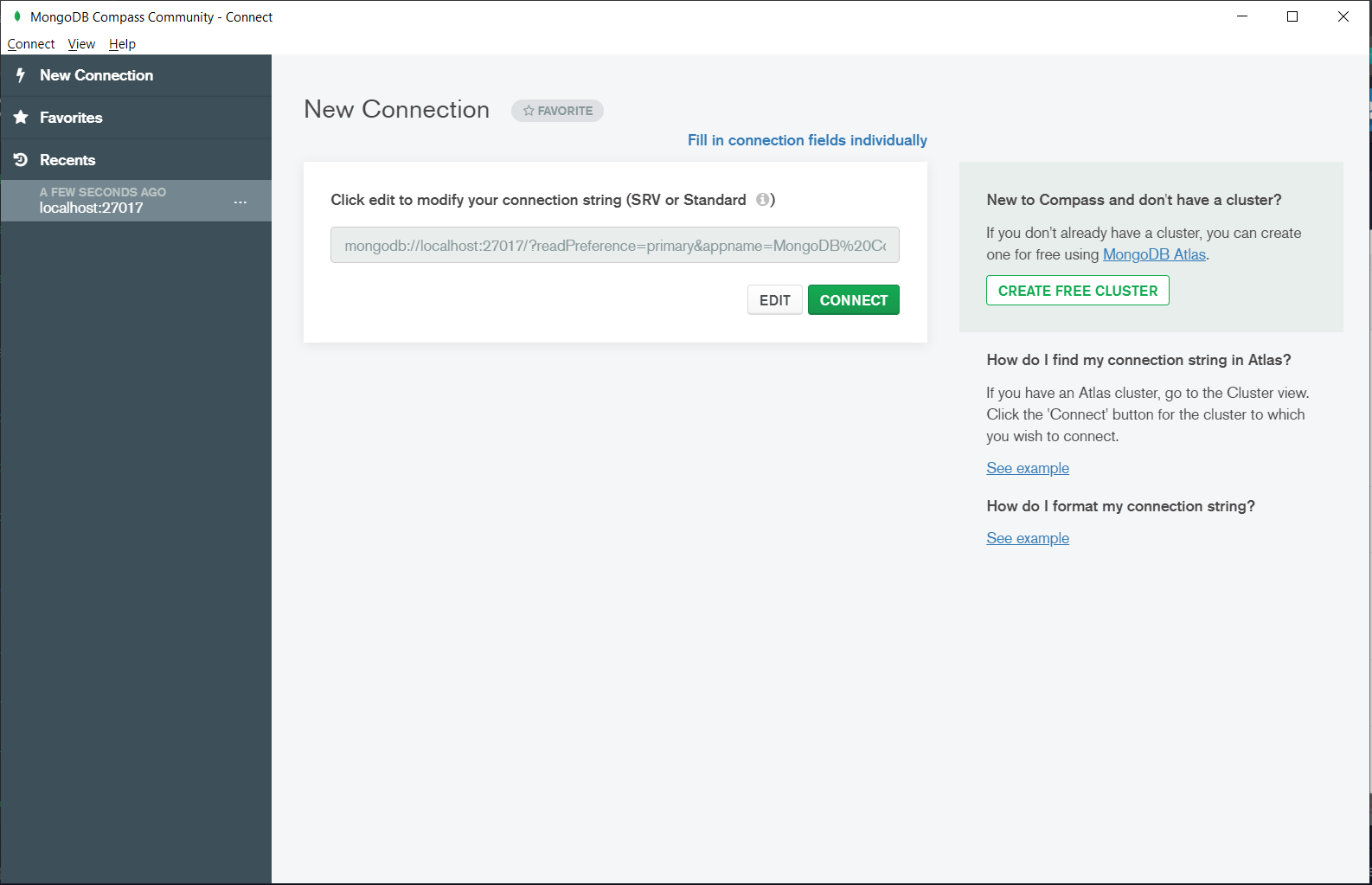
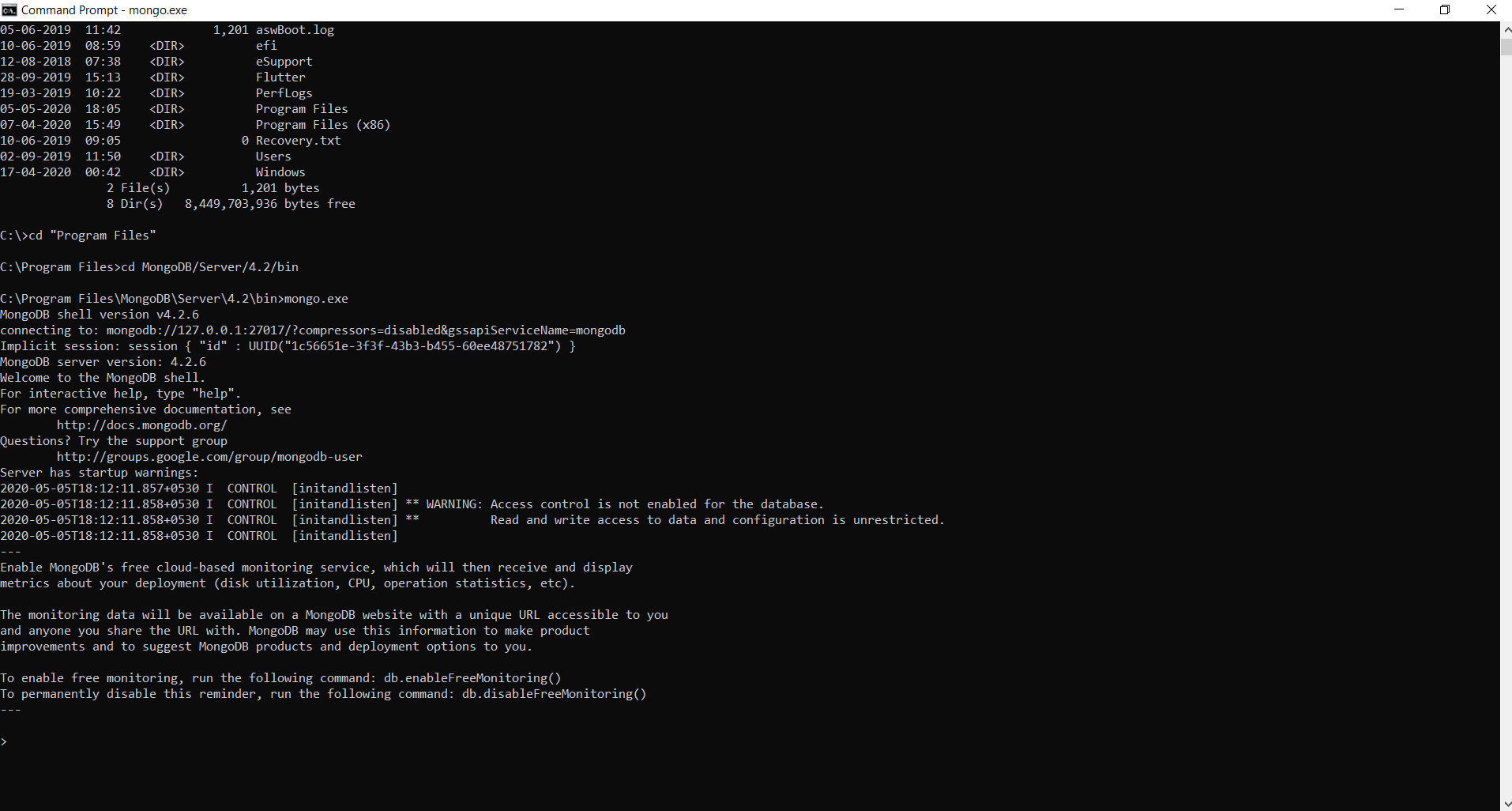
**Whole Practice Assignment MongoDB**

1. Installed MongoDB on Windows.

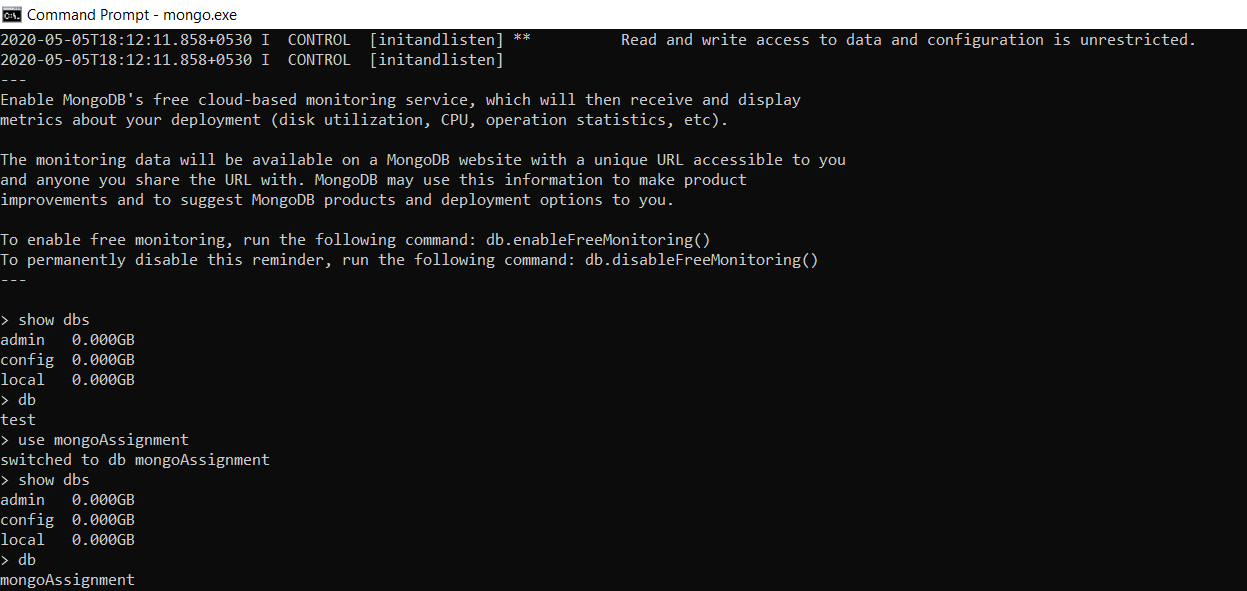


1. MongoDB server



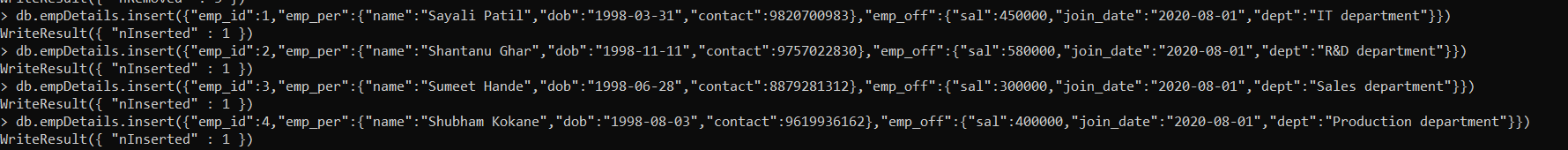
1. Creating Database

* use database\_name

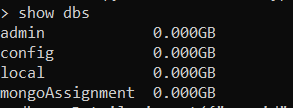


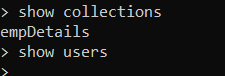
1. Insert Data into database with a proper document structure

* db.collection\_name.insert({})



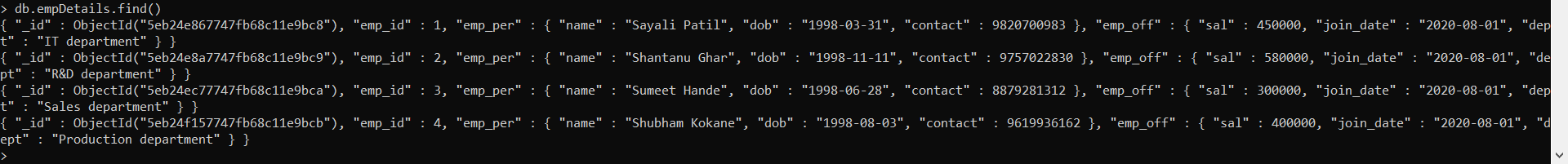
1. Database Successfully created with the above data





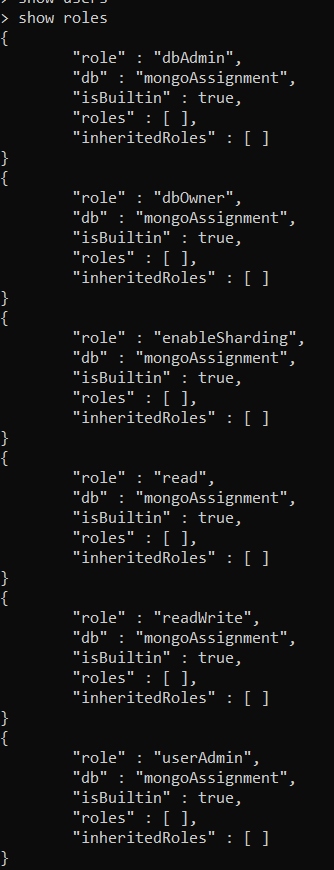
1. Display data in database

* db.collection\_name.find()



1. Commands used in mongo shell

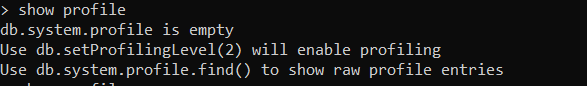
* show roles : to display all the roles



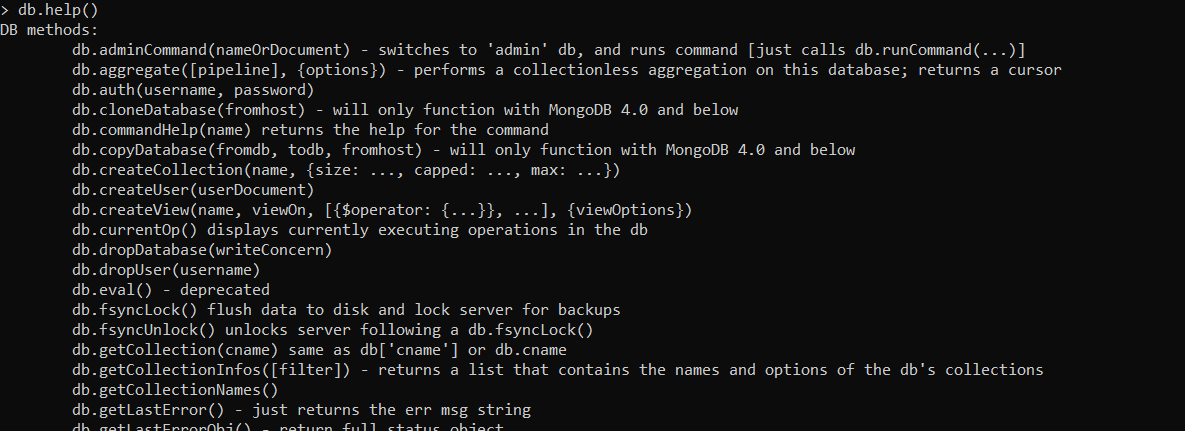
* show users : to display the list of users of that particular database



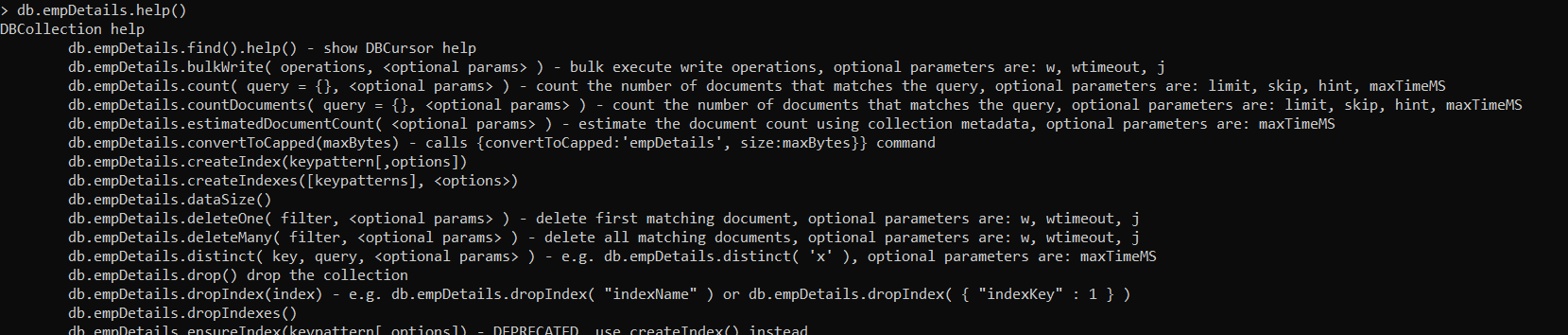
* show profile : Print the five most recent operations that took 1 millisecond or more



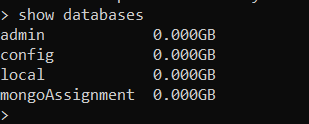
* db.help(): shows help for database methods



* db.collection\_name.help() : help for collection methods



* show databases : Print a list of all available databases.

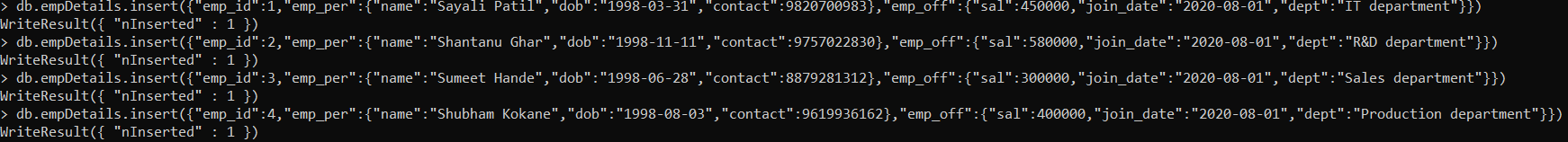


* load() : Execute a JavaScript file

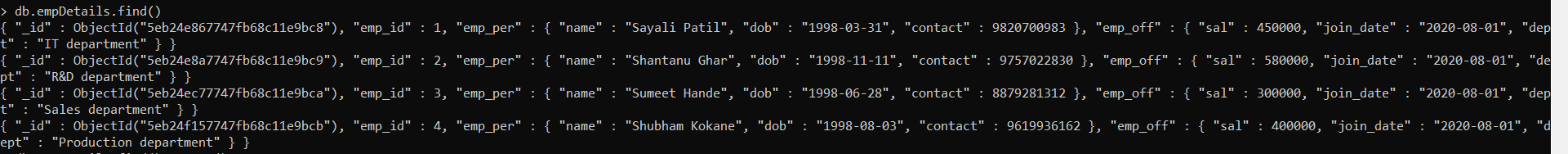


1. Simple Queries on mongoDB

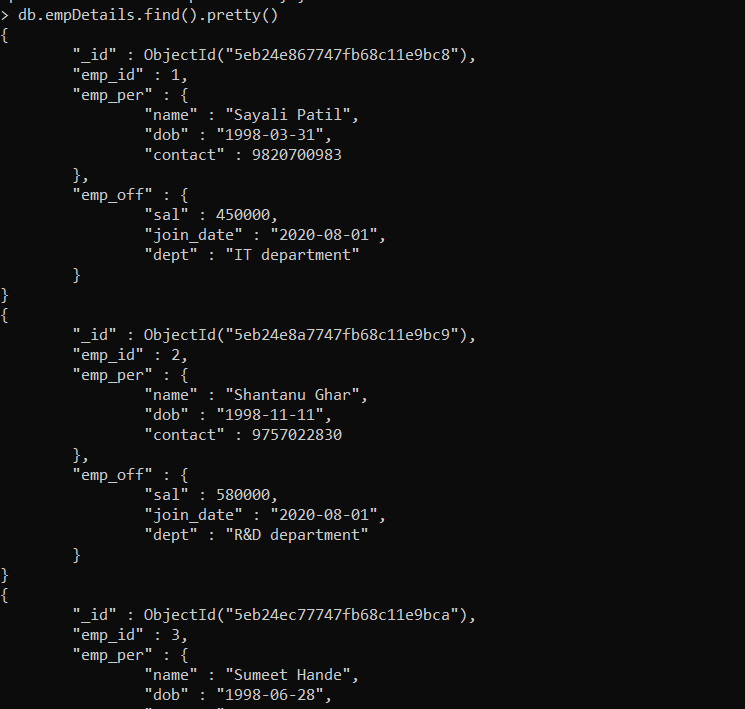
* db.collection\_name.insert({}) : insert data into database



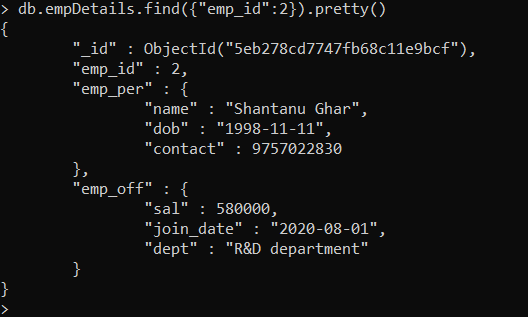
* db.collection\_name.find() : to list all the data in the collection



* db.collection\_name.find().pretty() : to display data with line breaks

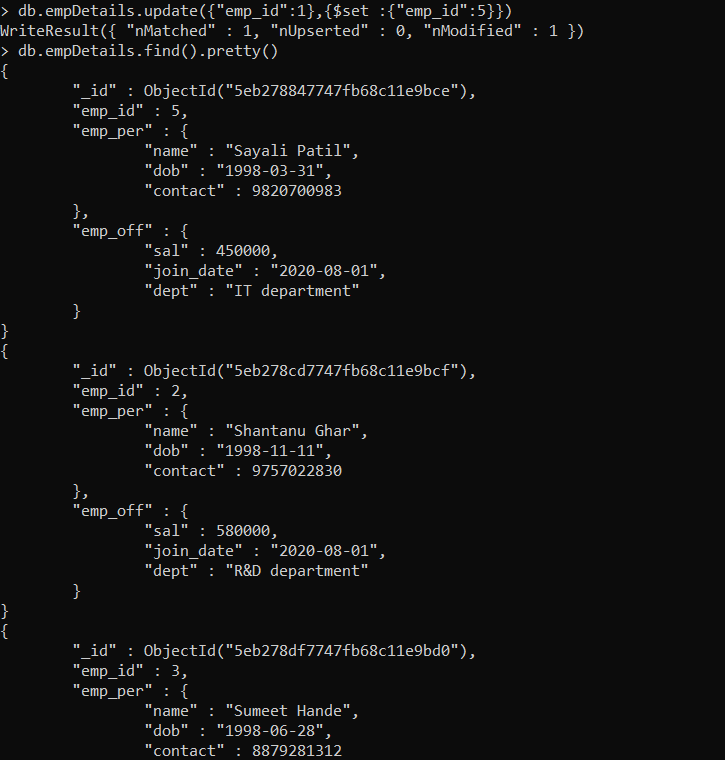


* db.collection\_name.find({query}).pretty()



9)Create, update and delete

* db.collection\_name.update({key : values\_to\_replace},{$set:{key: new\_values}})

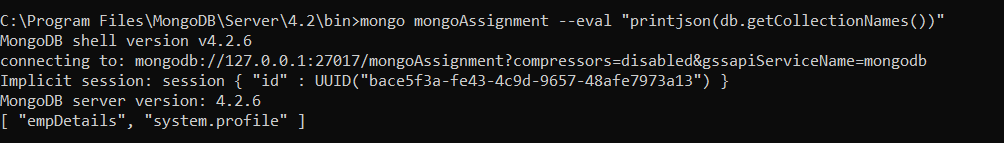


* db.collection\_name.remove() : to delete entire data from collection
* db.collection\_name.remove({query}) : to delete all records returned by the query

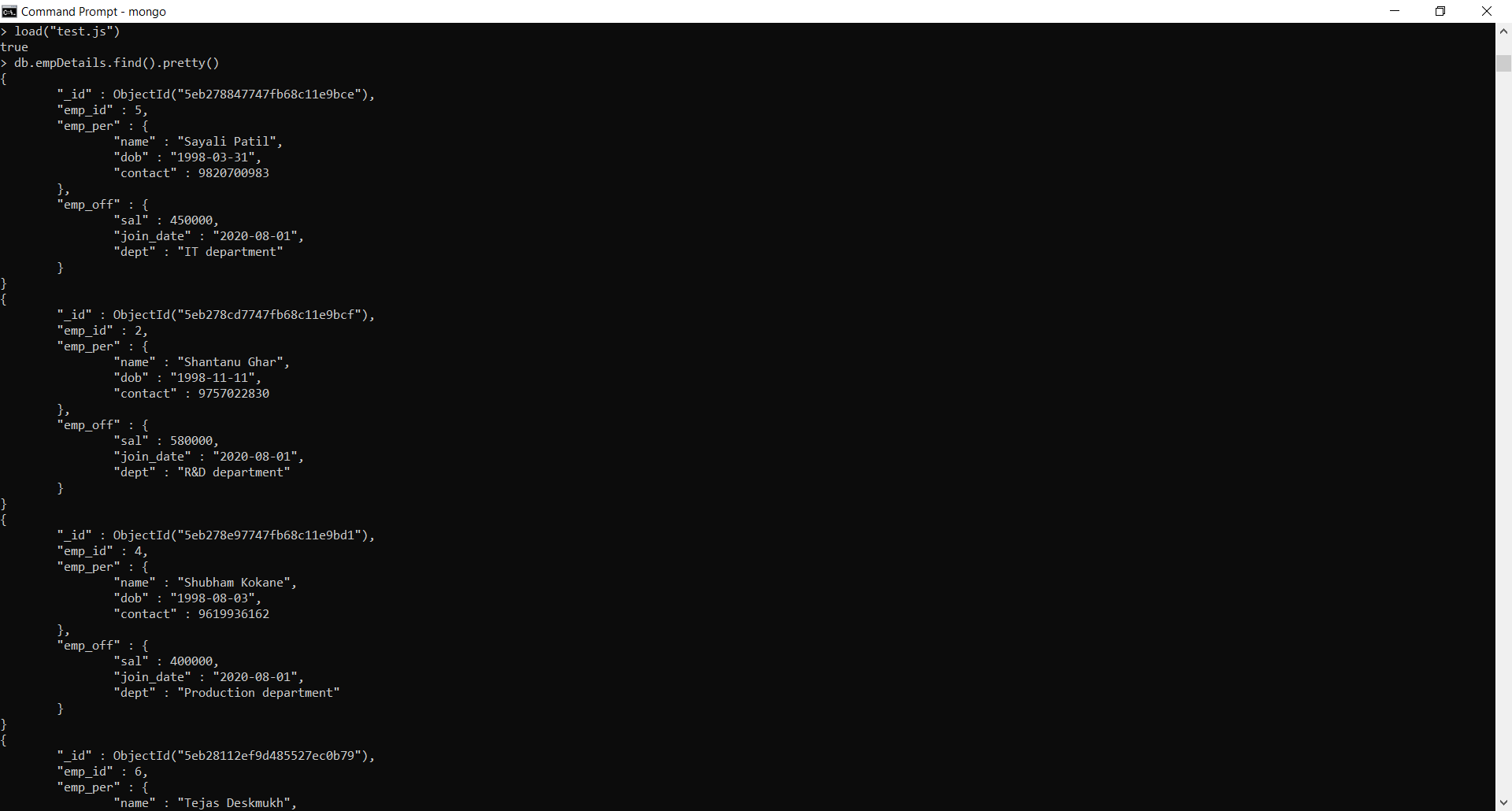


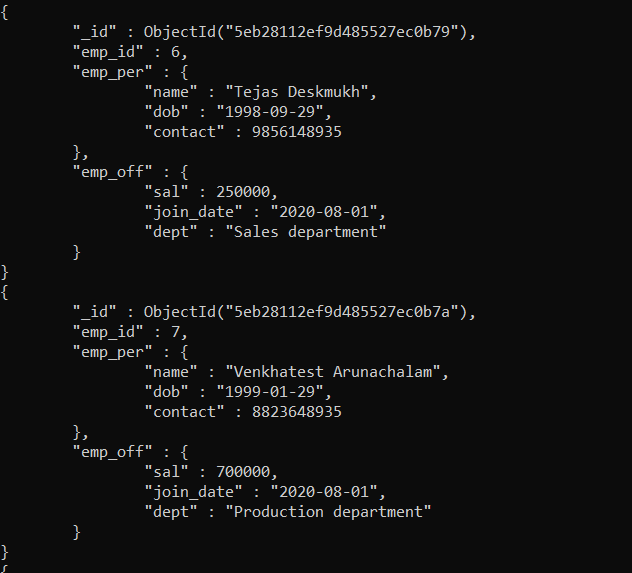
1. Scripting in mongoDB

* Using eval Flag



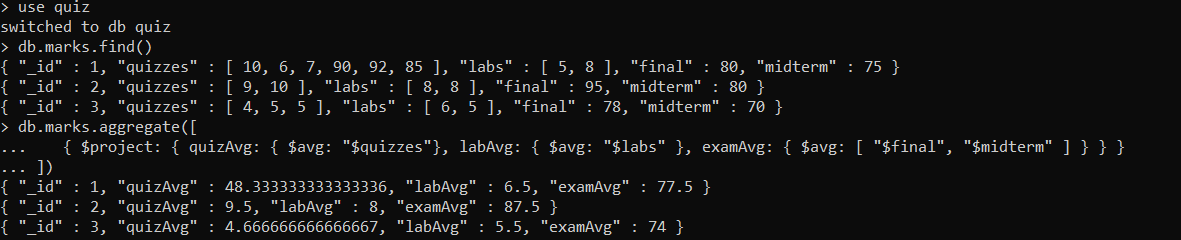
* Creating and running shell script



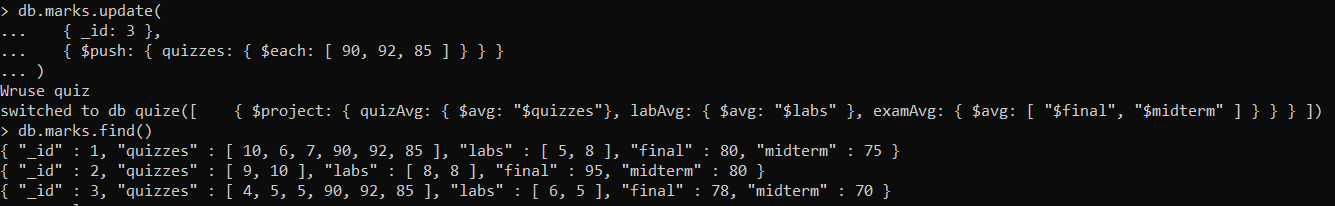


1. Using single purpose aggregation

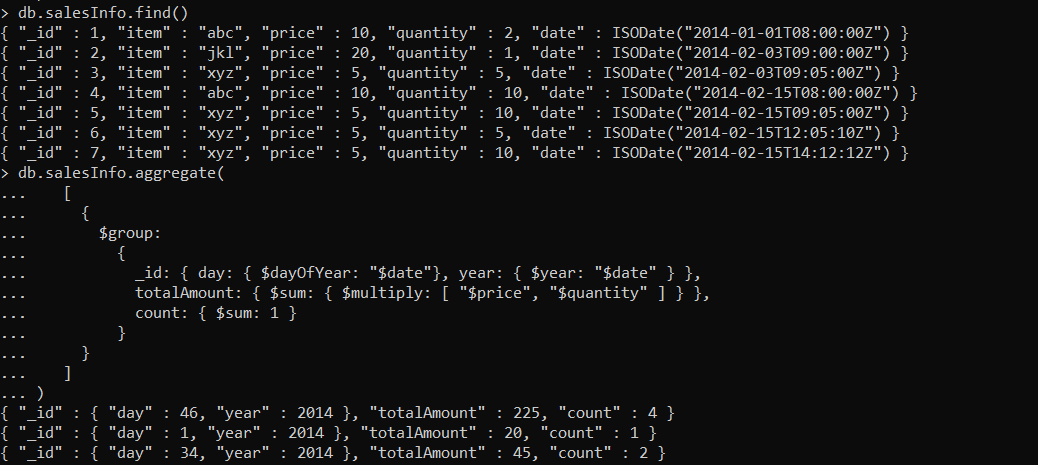
* avg



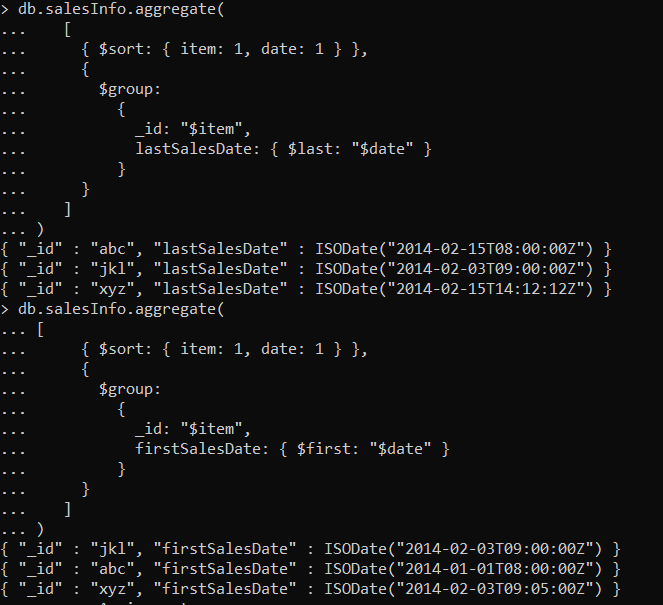
* push



* sum



* first and last



* AddToSet

