4.2 Create, Modify, and Delete Indexes



This section will guide you to:

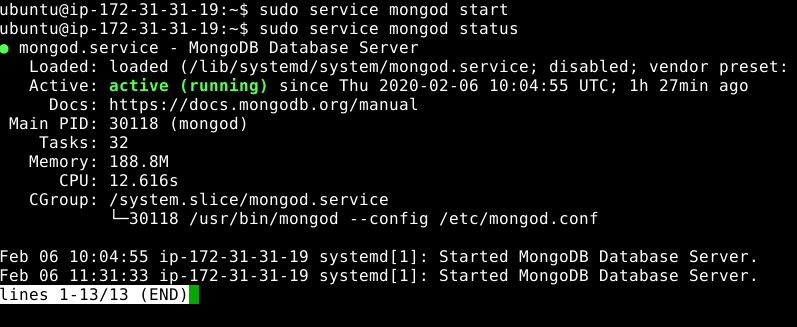
* Create a MongoDB database using command prompt
* Write a program to drop indexes from a collection

This lab has three subsections, namely:

* + 1. Setting up MongoDB server and shell
    2. Writing a program to drop indexes from a collection
    3. Pushing the code to GitHub repositories
* *MongoDB is already installed in your lab. (Refer MEAN: Lab Guide - Phase 3)*

**Step 4.2.1:** Setting up MongoDB server and shell

* Open the terminal
* Type **sudo service mongod start** to start the MongoDB server
* Type **sudo service mongod status** to check the status of the MongoDB server



* Type ctrl + c to exit the status
* Type **mongo --quiet** to start the mongo shell

**Step 4.2.2:** Writing a program to drop indexes from a collection

* Select customer’s database using **use customers** command
* Write the given code below by resolving the syntactical errors

> show dbs

> use customers

> db.customer\_info.createIndex({"customer\_name": 1})

> db.customer\_info.getIndexes()

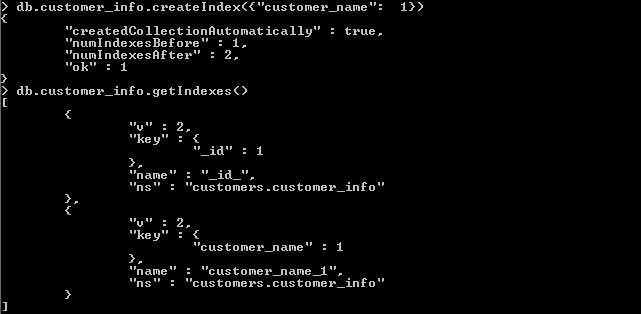
> db.customer\_info.createIndex({"item": "text"}, {name: "item\_index"} )

> db.customer\_info.getIndexes()

> db.items.dropIndex( { item: 1, available: 1} )

> db.items.dropIndex({ item: 1})

> db.items.dropIndexes()









**Step 4.2.3:** Pushing the code to GitHub repositories

Open your command prompt and navigate to the folder where you have created your files,

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add .

Commit the changes using the following command:

git commit . -m “Changes have been committed.”

Push the files to the folder you initially created using the following command:

git push -u origin master