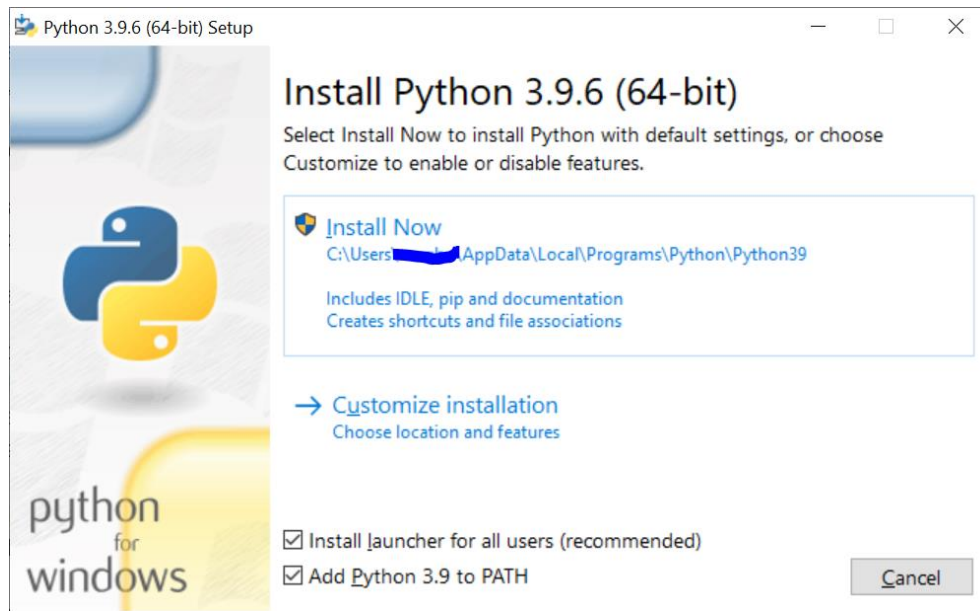


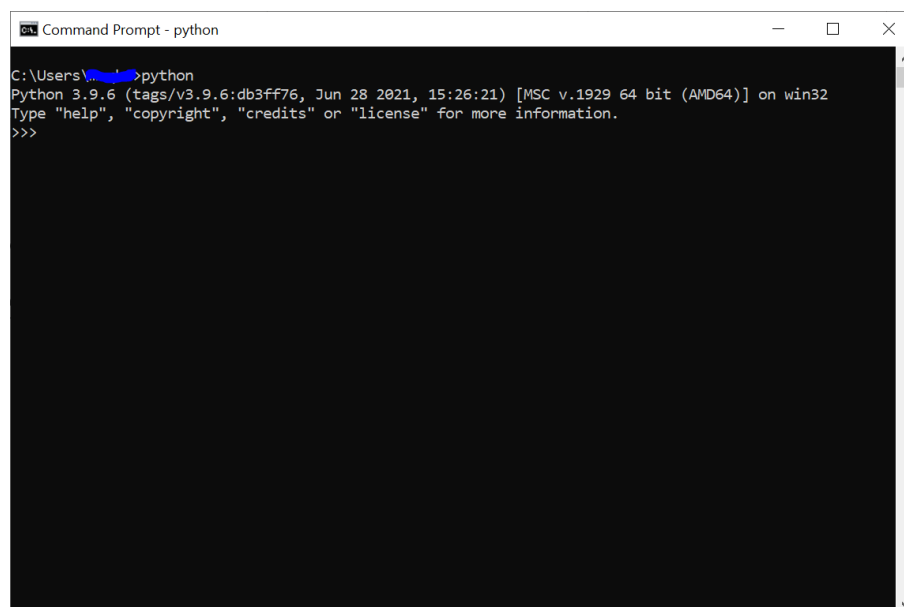
## Lab: MongoDB-Python Environment Setup

1. Download the latest version of Python (3.9.6 as of July 2021) installer from <https://www.python.org/downloads/>
2. Starting the installer and install Python on your computer. *Select Add Python 3.9 to PATH* and click *Install Now*.

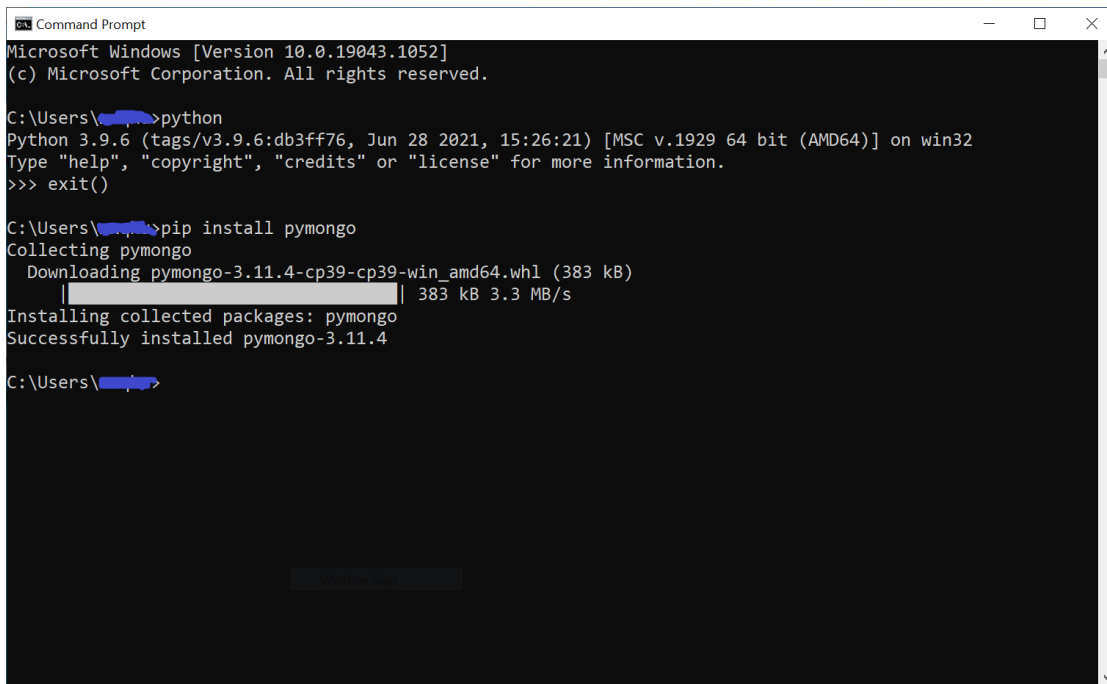


You may choose to remove the MAX\_PATH limitation at the end of installation. Check <https://docs.python.org/3/using/windows.html> for more details.

3. When the installation finishes, open a Command Prompt Window and type *python* to check if the installation is successful.



4. Enter `exit()` to exit the Python shell.
5. Type the command `pip install pymongo` to install PyMongo



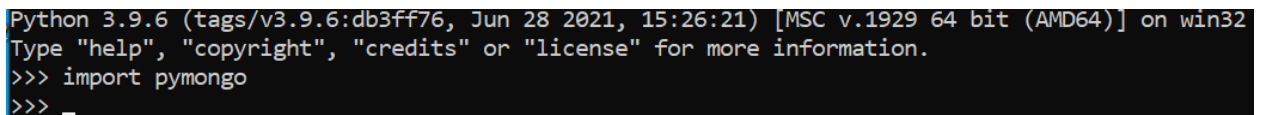
```
Command Prompt
Microsoft Windows [Version 10.0.19043.1052]
(c) Microsoft Corporation. All rights reserved.

C:\Users\>python
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> exit()

C:\Users\>pip install pymongo
Collecting pymongo
  Downloading pymongo-3.11.4-cp39-cp39-win_amd64.whl (383 kB)
    | 383 kB 3.3 MB/s
Installing collected packages: pymongo
Successfully installed pymongo-3.11.4

C:\Users\>
```

6. Run the Python shell again and type `import pymongo`



```
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> import pymongo
>>>
```

If this command runs without errors, pymongo is installed successfully.

7. You can use IDLE (Python's Integrated Development and Learning Environment) or VS Code with the Python extension for programming.

## References

<https://www.mongodb.com/languages/python>  
[https://www.w3schools.com/python/python\\_mongodb\\_getstarted.asp](https://www.w3schools.com/python/python_mongodb_getstarted.asp)  
<https://www.w3resource.com/mongodb/mongodb-python-driver.php>  
<https://pymongo.readthedocs.io/en/stable/tutorial.html>