



Python and Sublime Installation Guide

INSTALLATION GUIDE

Contacts

Muhammad.Shafeeq@qa.com

team.qac.all.trainers@qa.com

www.consulting.qa.com

Contents

Installing Python for Windows	2
Downloading	2
Installation	2
Installing Sublime Text for Windows	5
Downloading	5
Installation	6
Executing python code in windows	9
Installing Python for Mac	10
Downloading	10
Installation	11
Installing Sublime Text for Mac	15
Downloading	15
Installing	16
Executing code with Mac	18

Installing Python for Windows

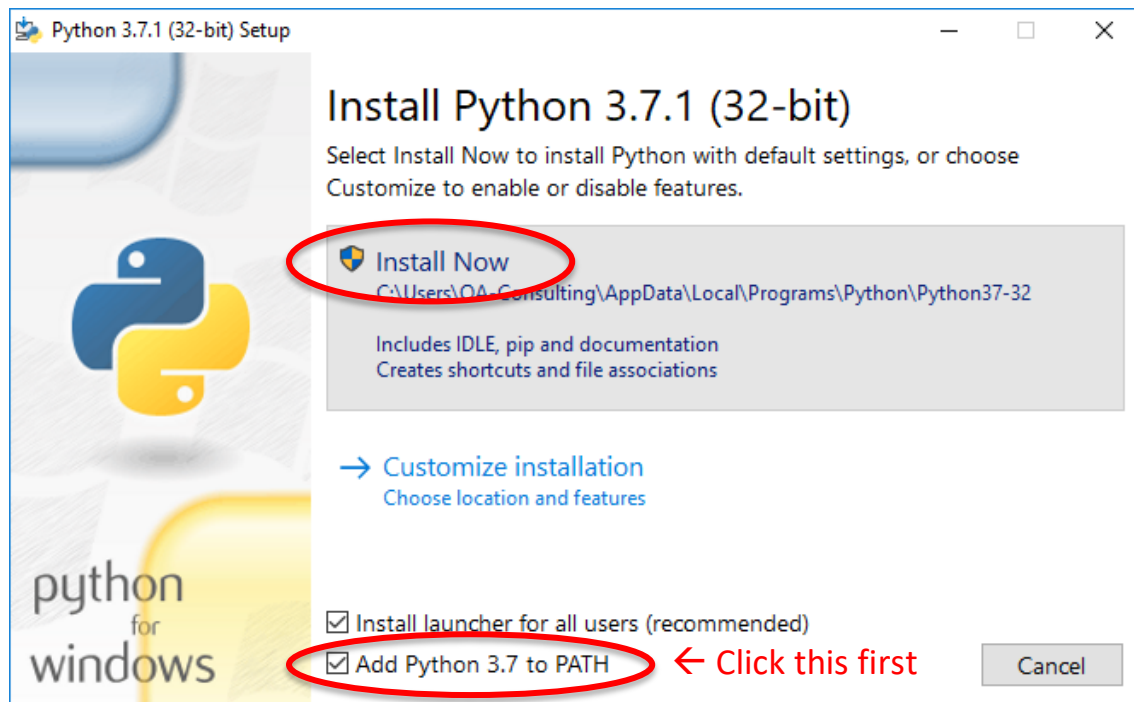
Downloading

- Visit <https://www.python.org/downloads/>
- Click “Download Python 3.7.1”

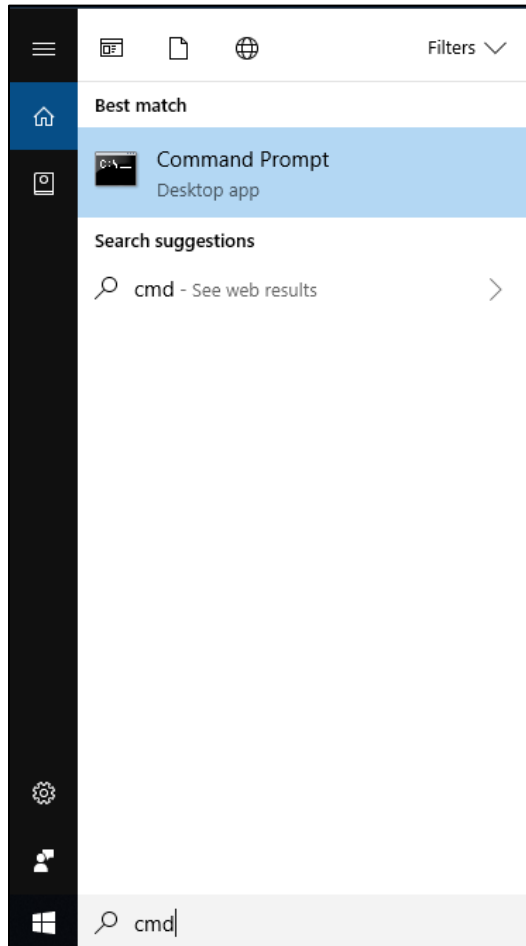


Installation

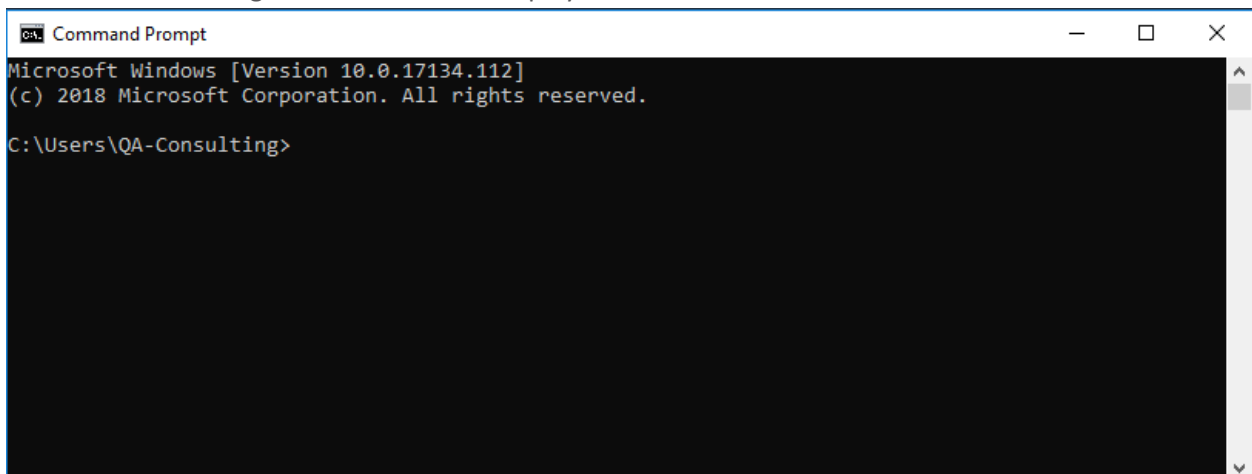
- Run the .exe you just downloaded.
- Select “Add Python 3.7 to PATH”.
- Click “Install Now”.



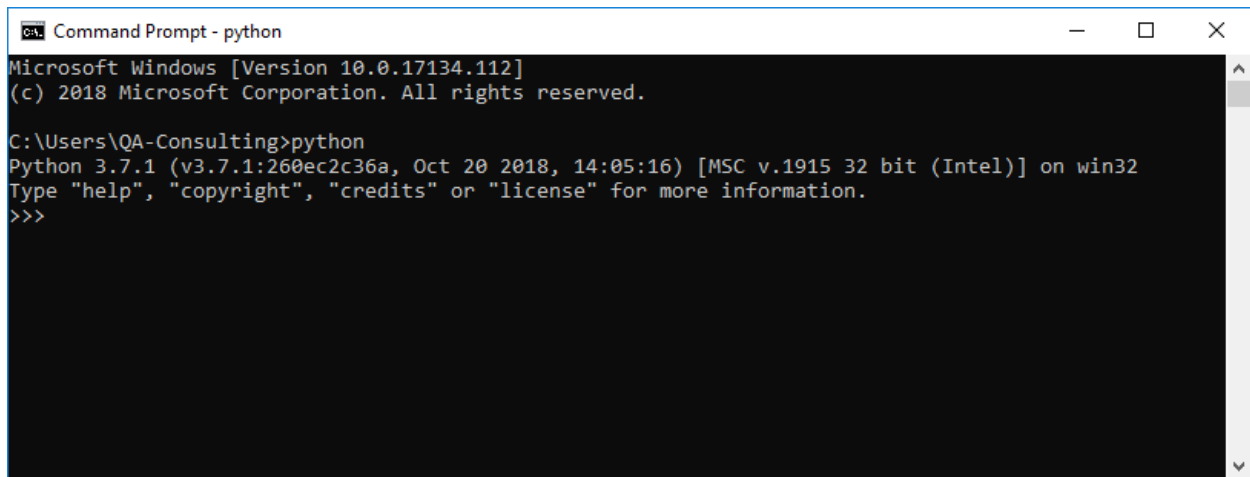
- Open Command Prompt by searching (⊞Win+S) for “cmd” and pressing enter.



- The following window should be displayed:



- If installed successfully entering “python” into the Command Prompt window should give you this:



```
Command Prompt - python
Microsoft Windows [Version 10.0.17134.112]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\QA-Consulting>python
Python 3.7.1 (v3.7.1:260ec2c36a, Oct 20 2018, 14:05:16) [MSC v.1915 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

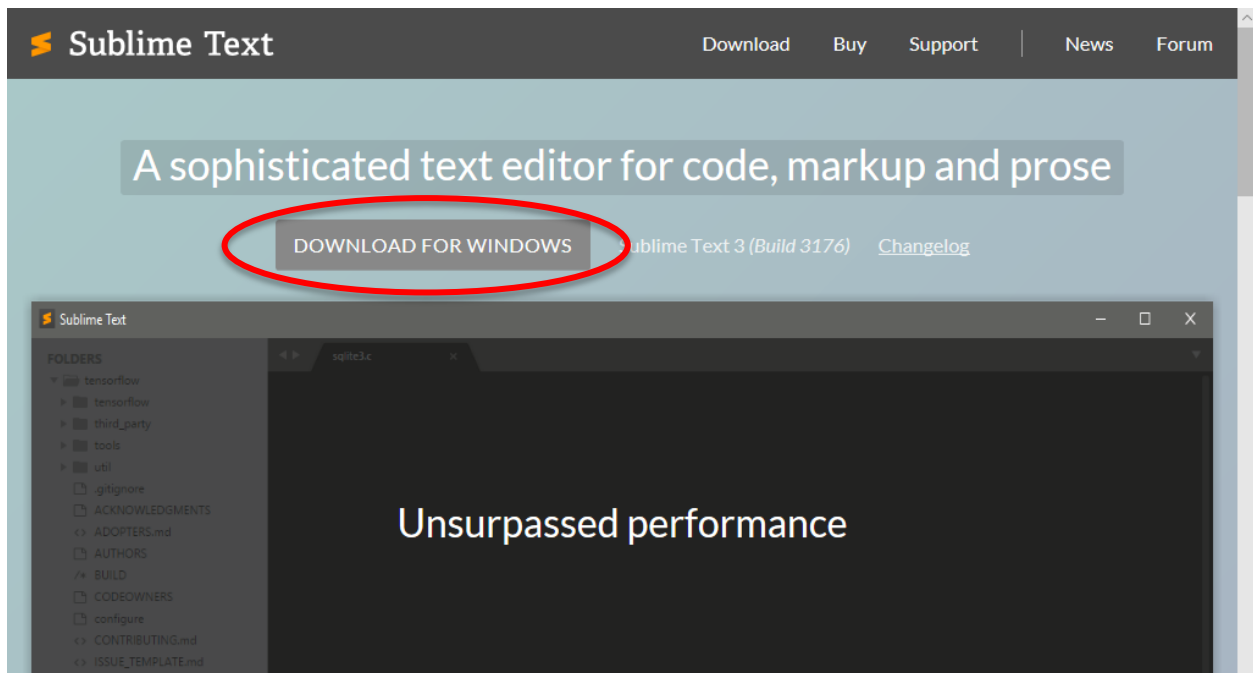
If this appears then you have successfully downloaded Python ready for *Teach the Nation to Code*.

Installing Sublime Text for Windows

Sublime Text will be used to make python scripts. It colours keywords making it easier to read the scripts.

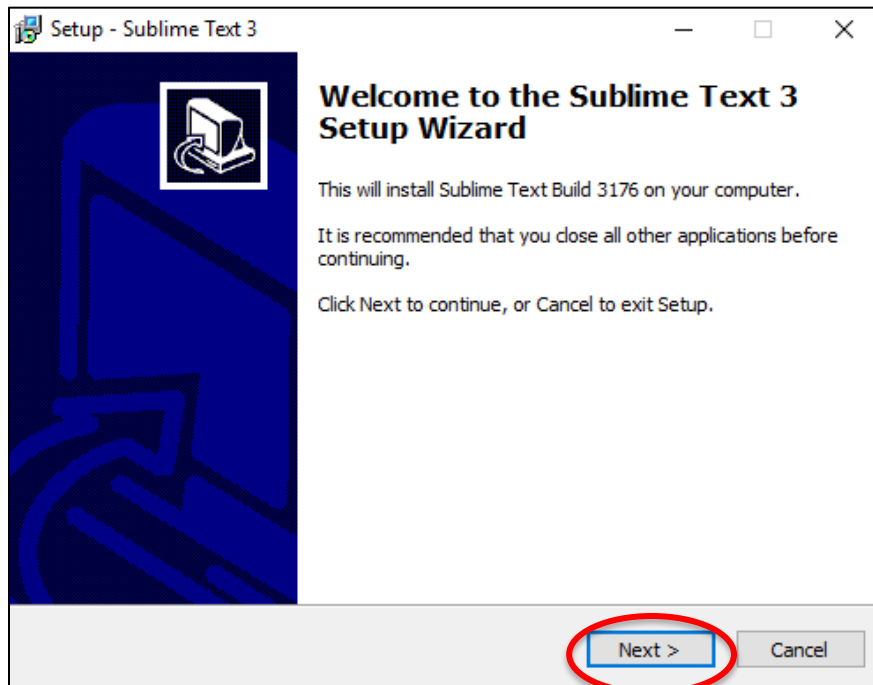
Downloading

- Go to <https://www.sublimetext.com/>
- Click “Download for Windows”

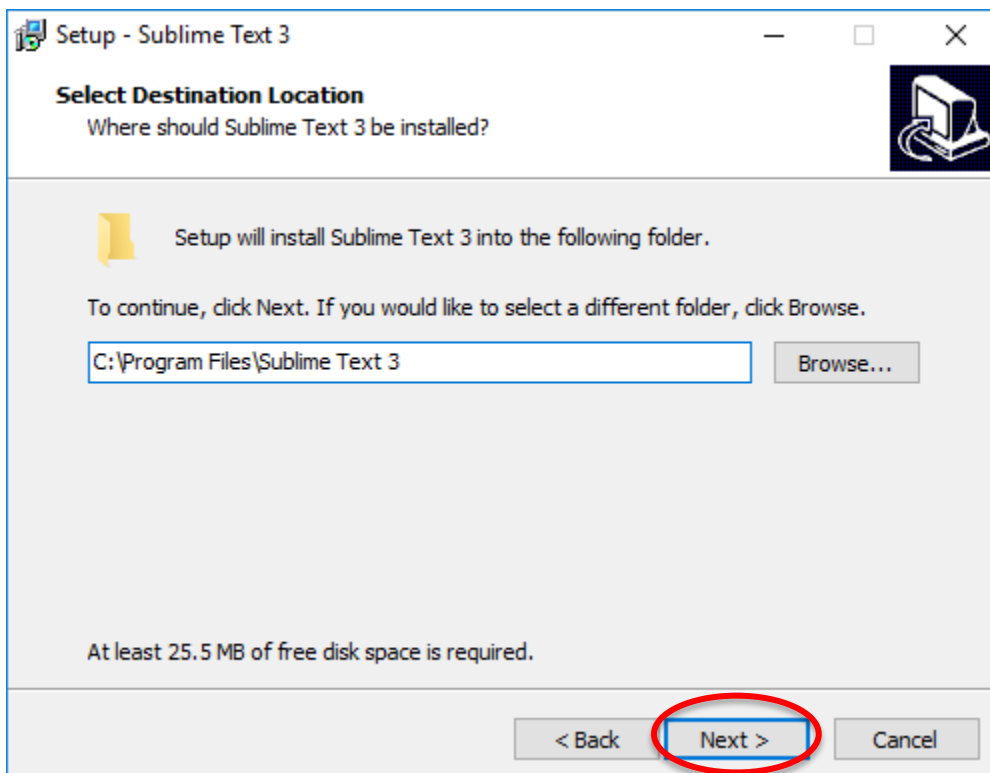


Installation

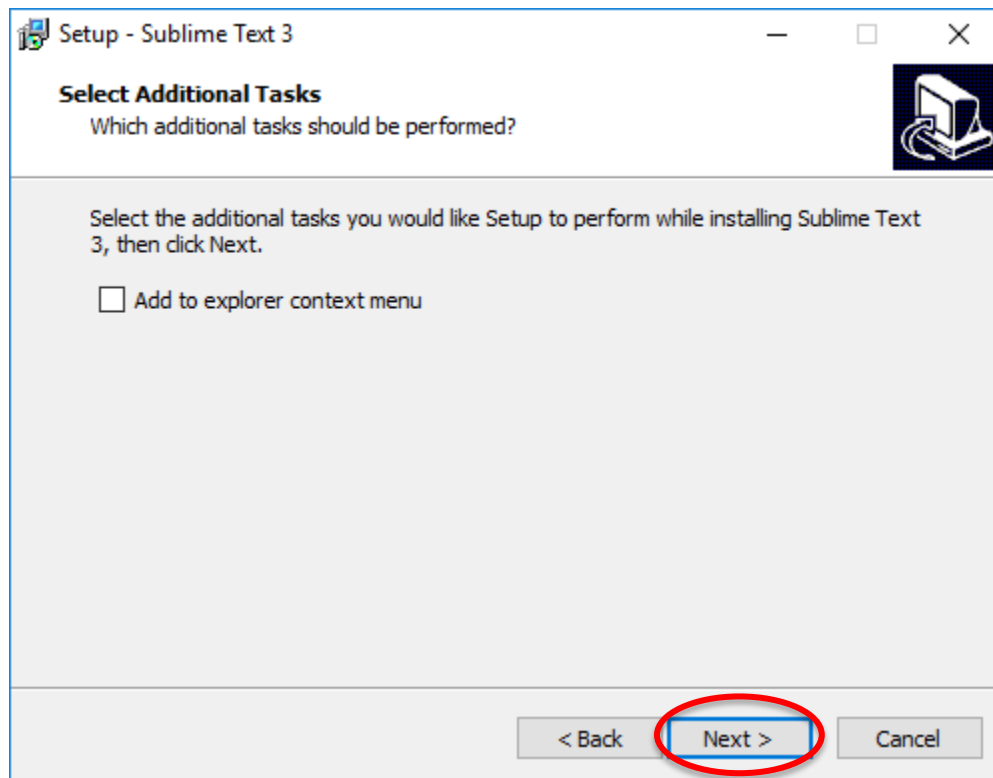
- Run the file you just downloaded, and you should see this installation wizard:
- Click “Next”



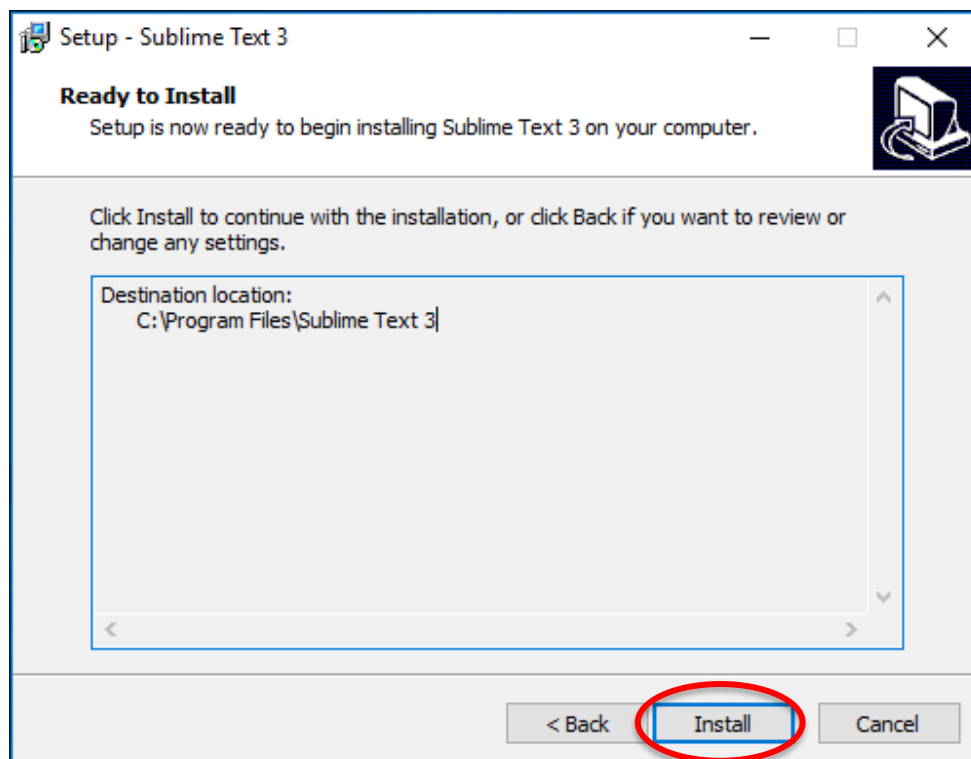
- Click “Next”



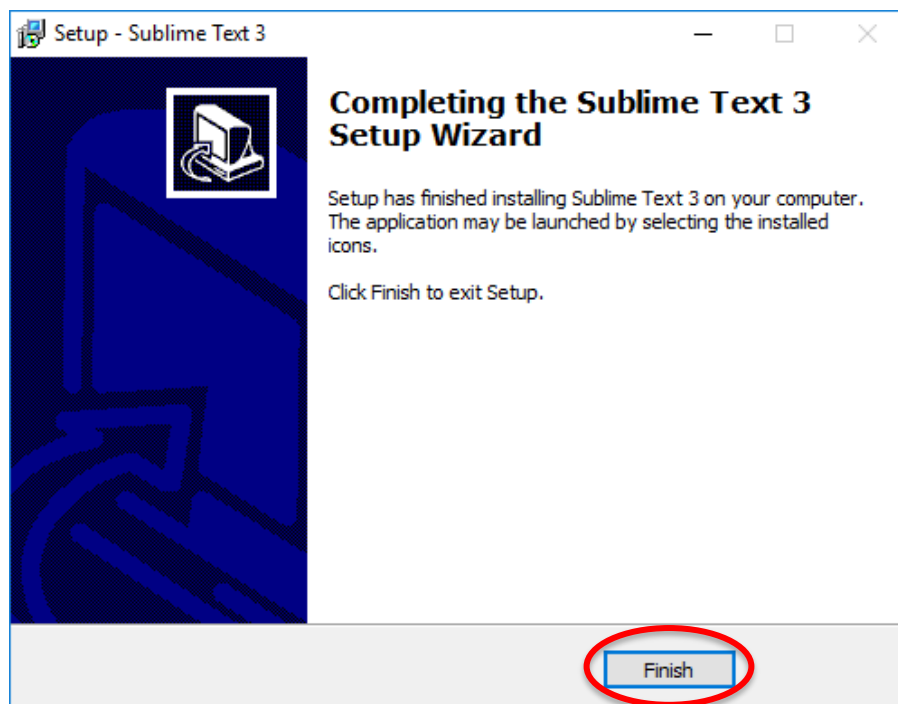
- Click “Next”




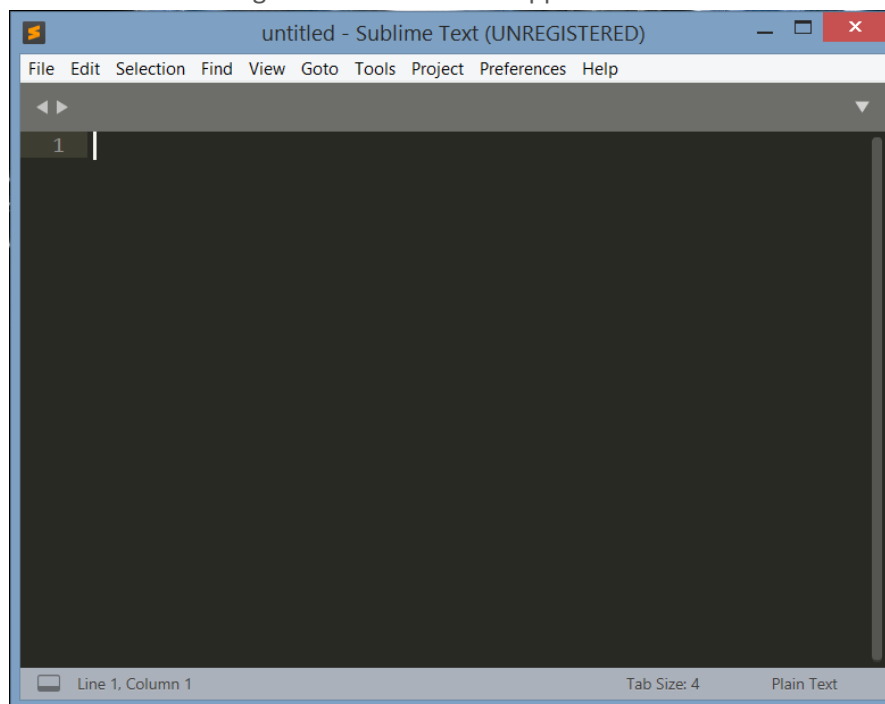
- Click “Install”



- Click “Finish”

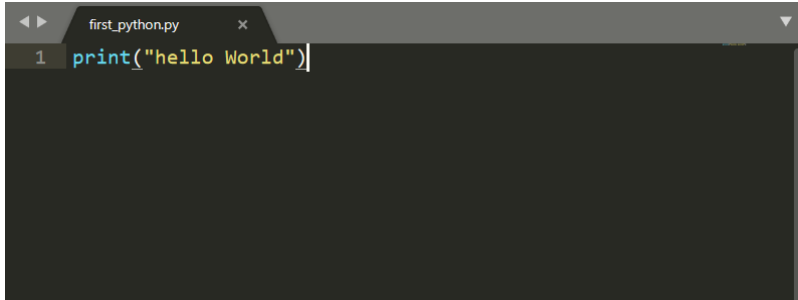


- Open Sublime Text by searching ( Win+S) for “Sublime Text” and pressing enter.
- The following text editor will then appear:

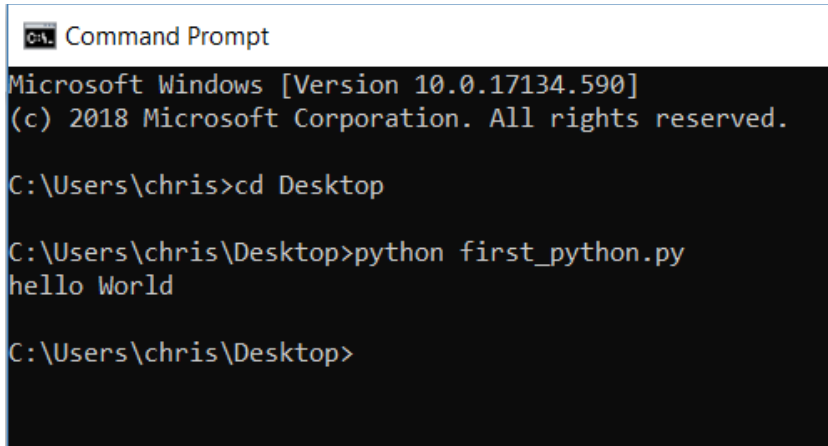


Executing python code in windows

- Enter `print("hello World")` into your sublime text and save the file as `first_python.py`, and save the file to your desktop



- Open up a new command line and type the command `cd Desktop`. Then type the command `python first_python.py`. This will now execute the python script.



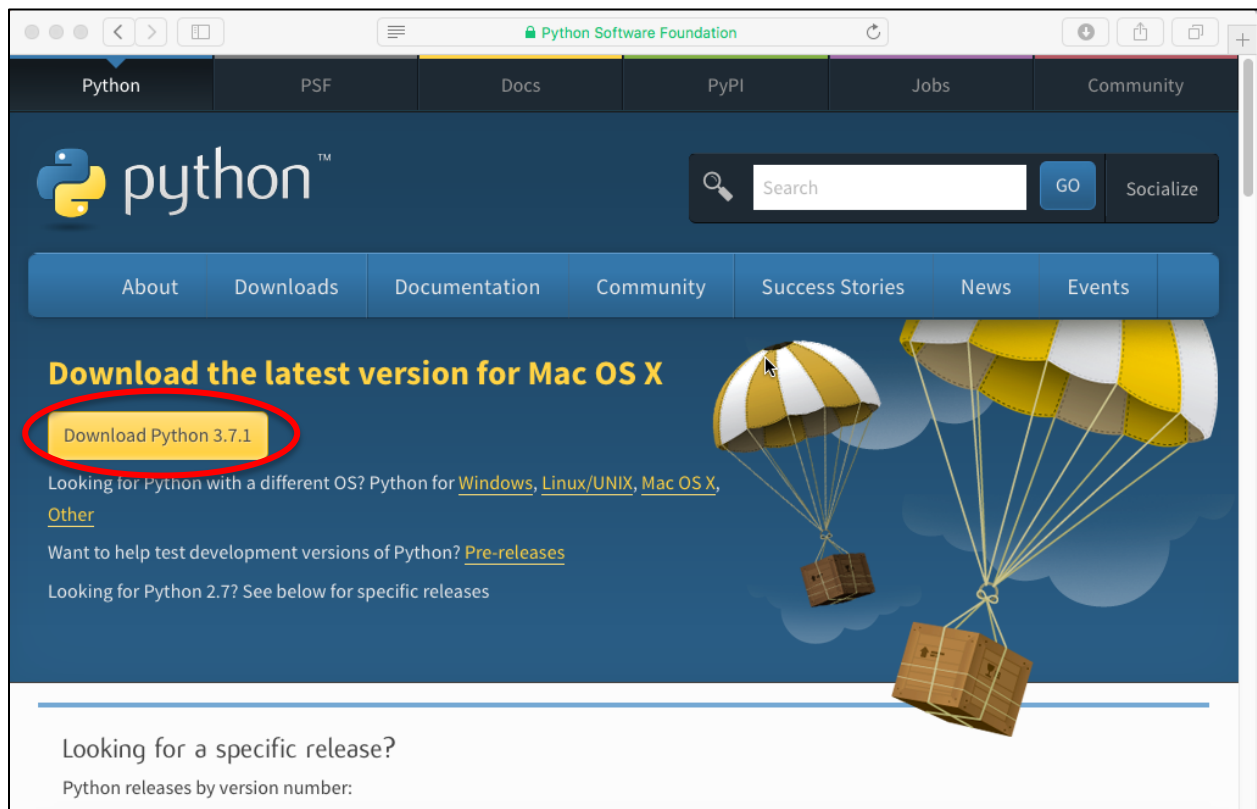
If you struggled with any of these steps, please be sure to get there early on Saturday so that we can help you.

Installing Python for Mac

Mac versions since OS X Mavericks come preinstalled with Python 2.7. However, during *Teach the Nation to Code* we will be using Python 3.7. There are some syntactical differences between the two, therefore this guide will show you how to download Python 3.7.

Downloading

- Visit <https://www.python.org/downloads/>
- Click “Download Python 3.7.1”

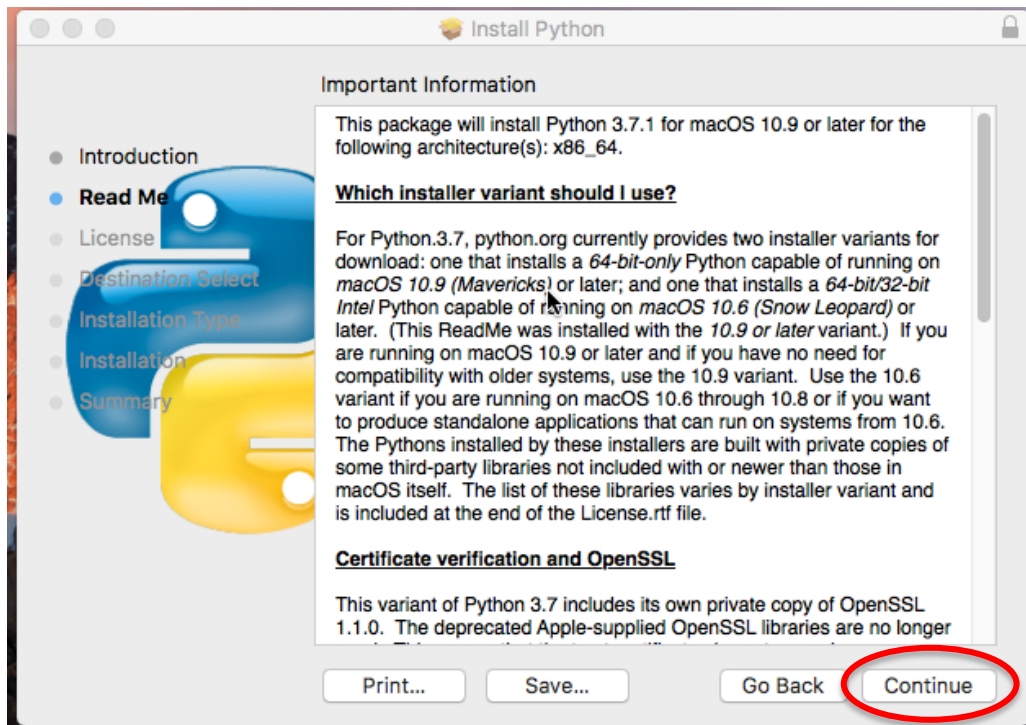


Installation

- Open the downloaded file.
- Click “Continue”



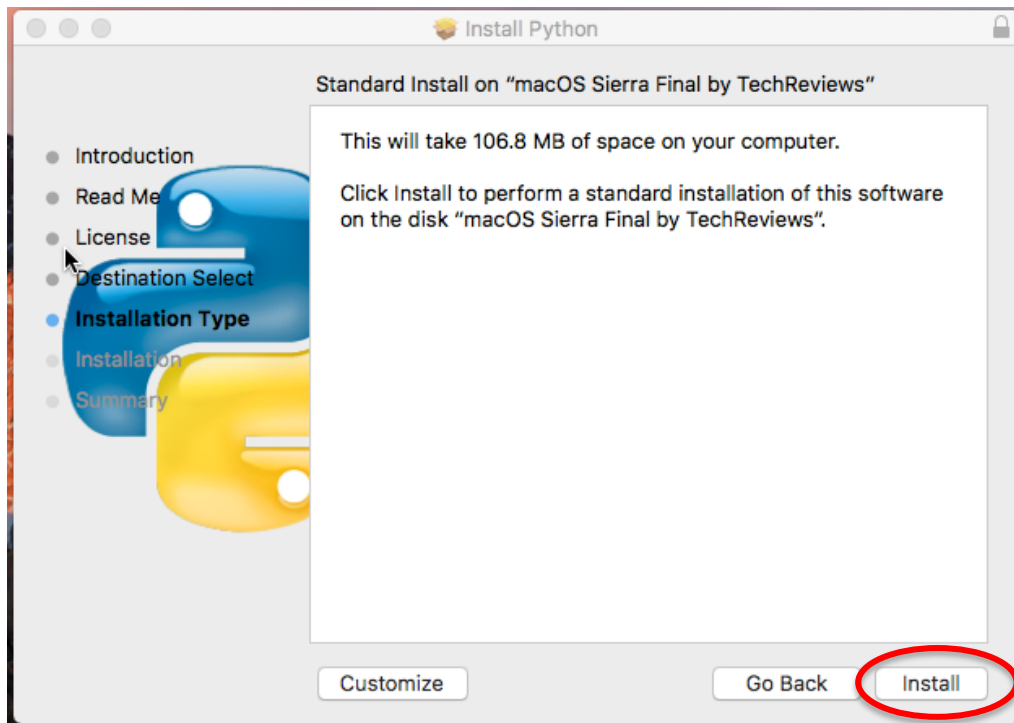
- Click “Continue”



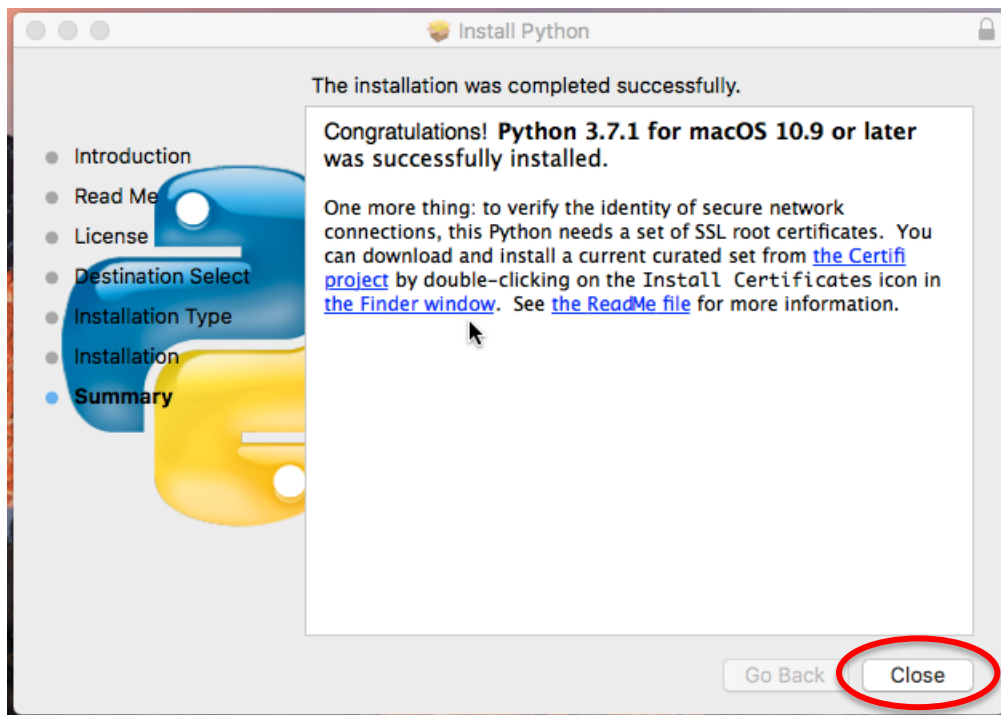
- Click “Continue”



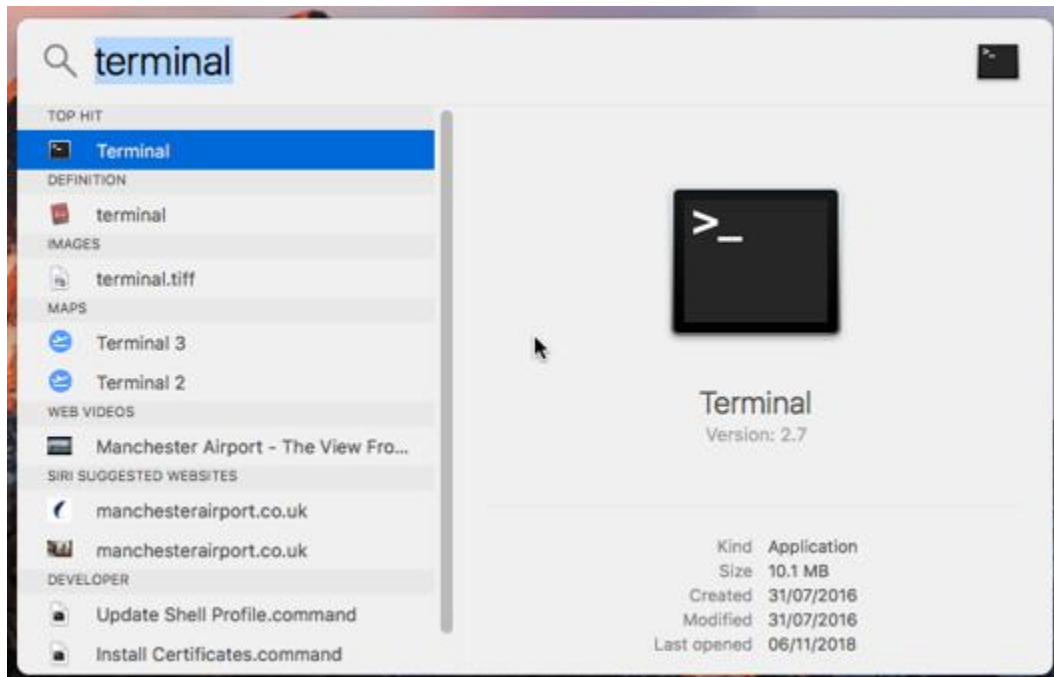
- Click “Install”



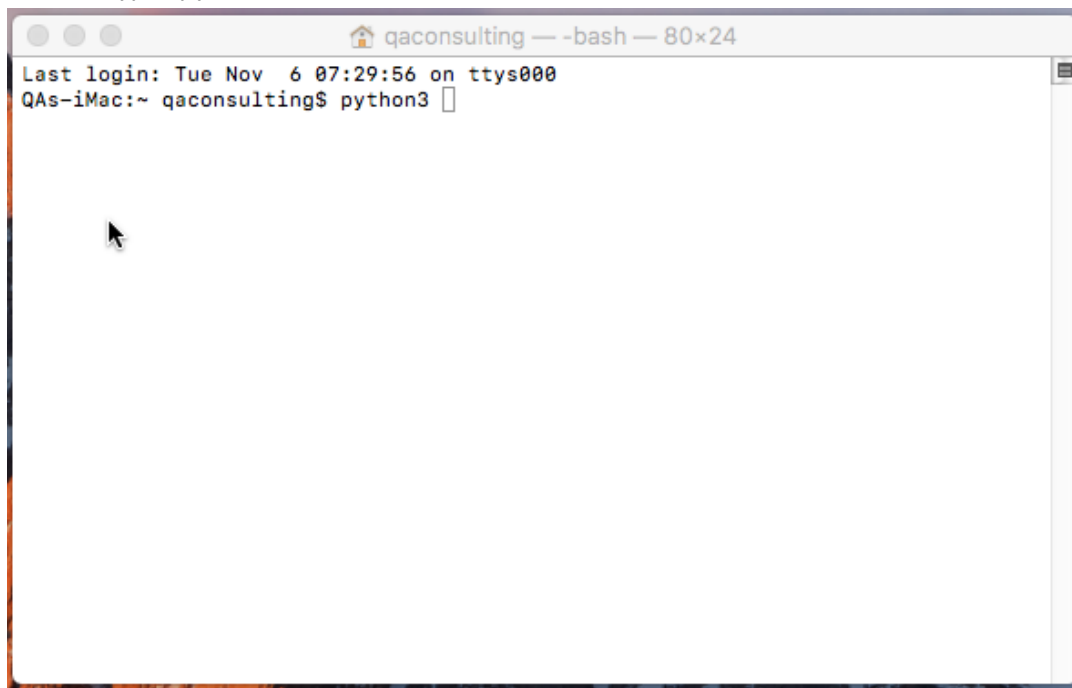
- Click “Close”



- Open “Terminal” by searching for it in spotlight (⌘ + Space):

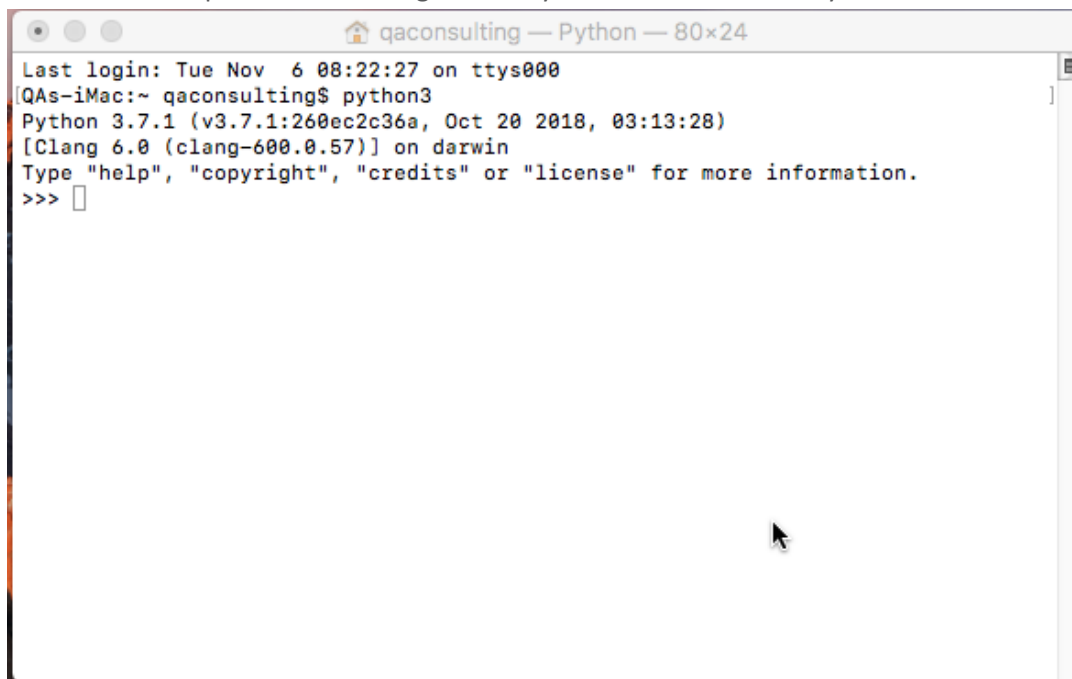


- Type “python3” and hit enter.



```
qaconsulting — -bash — 80x24
Last login: Tue Nov  6 07:29:56 on ttys000
QAs-iMac:~ qaconsulting$ python3
```

- The computer should recognise that you have downloaded Python 3.7.1.



```
qaconsulting — Python — 80x24
Last login: Tue Nov  6 08:22:27 on ttys000
[QAs-iMac:~ qaconsulting$ python3
Python 3.7.1 (v3.7.1:260ec2c36a, Oct 20 2018, 03:13:28)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

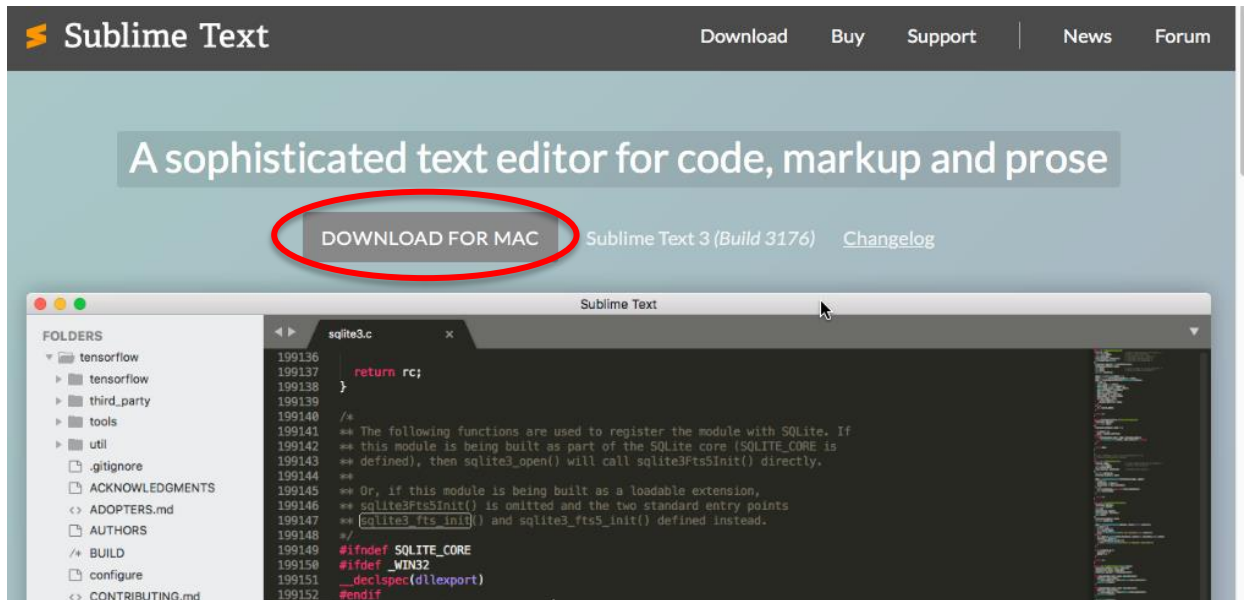
If this appears then you have successfully downloaded Python ready for *Teach the Nation to Code*.

Installing Sublime Text for Mac

Sublime Text will be used to make python scripts. It colours keywords making it easier to read the scripts.

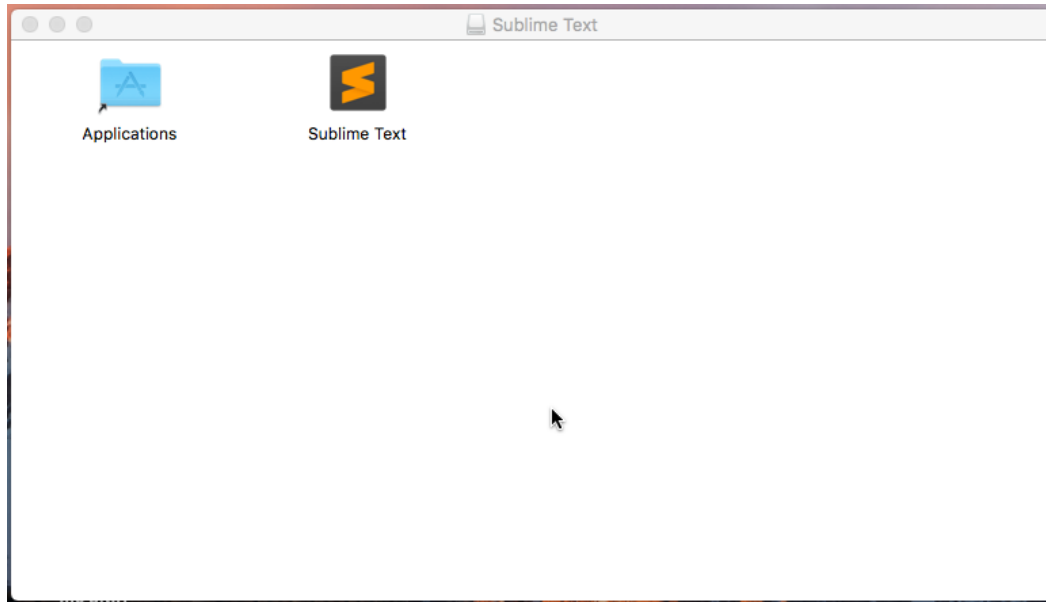
Downloading

- Go to <https://www.sublimetext.com/>
- Click “Download for Mac”

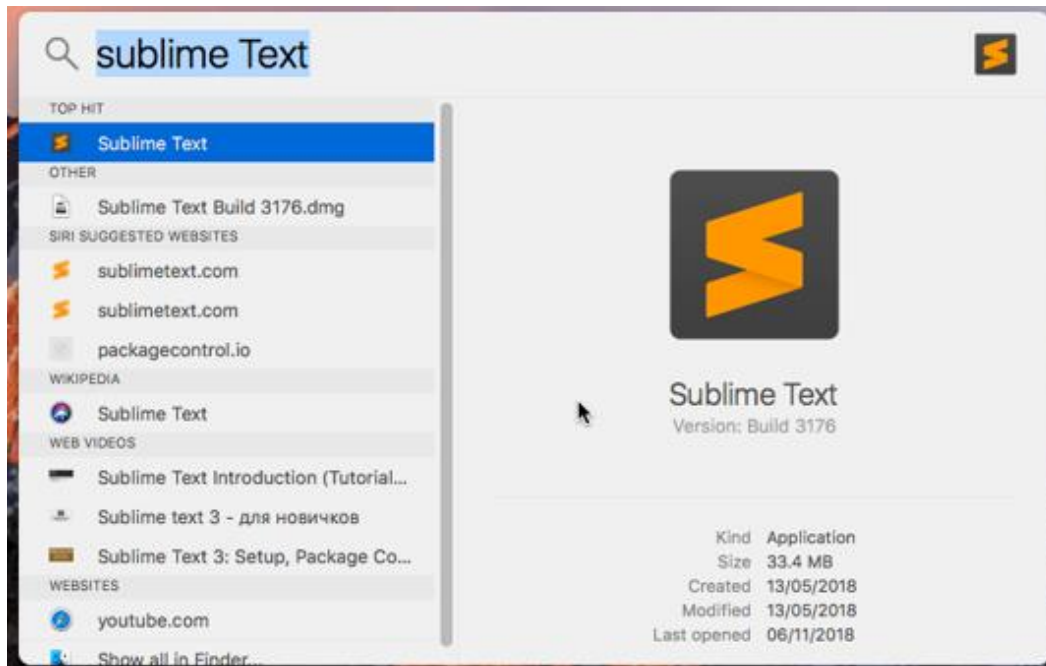


Installing

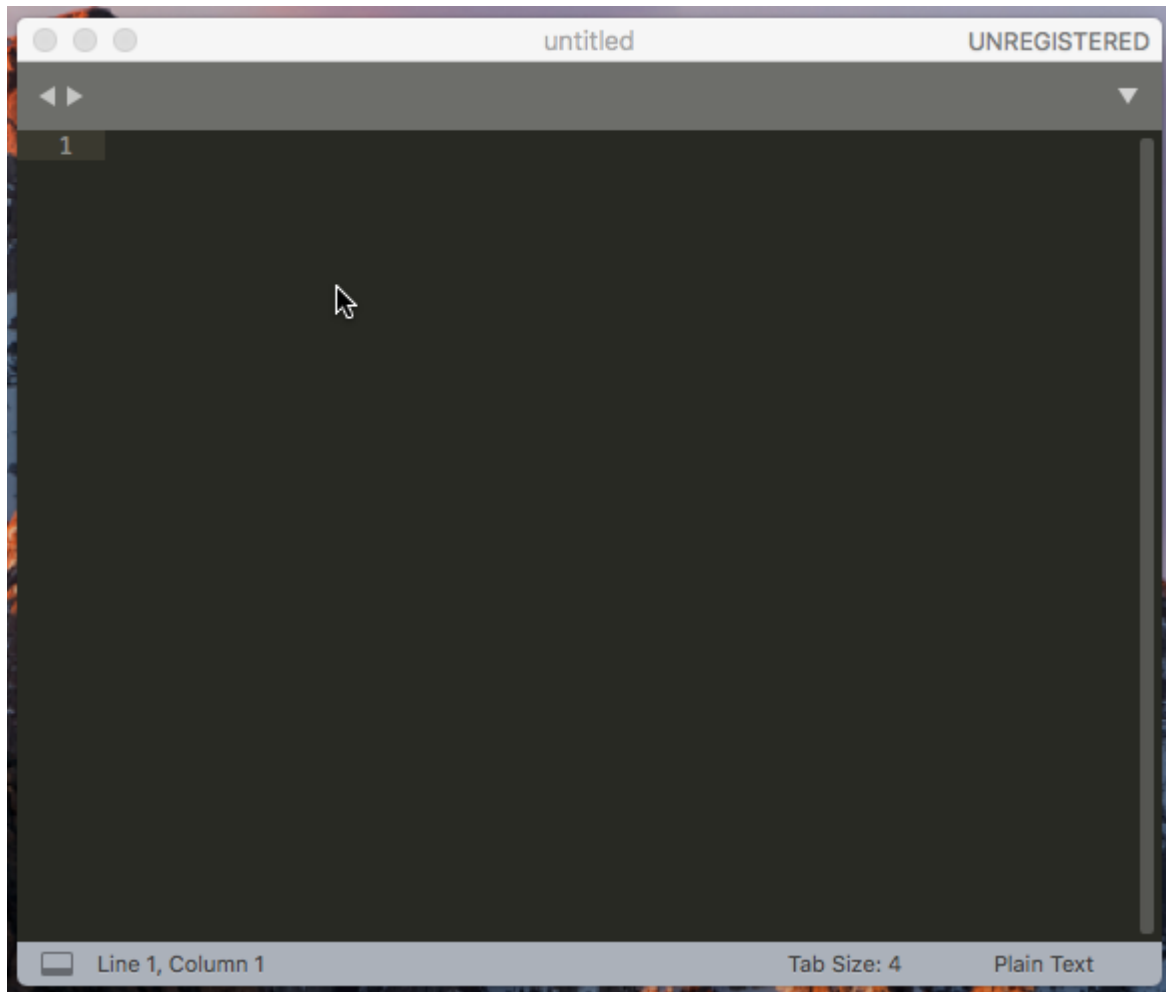
- Open the downloaded file
- Copy the Sublime Text application to the Applications folder
 - If you have problems opening the Sublime Text application, go to System Preferences -> Security & Privacy. Under “Allow apps downloaded from:” change “App Store” to “App Store and identified developers”



- Open “Sublime Text” by searching for it in spotlight (⌘ + Space):

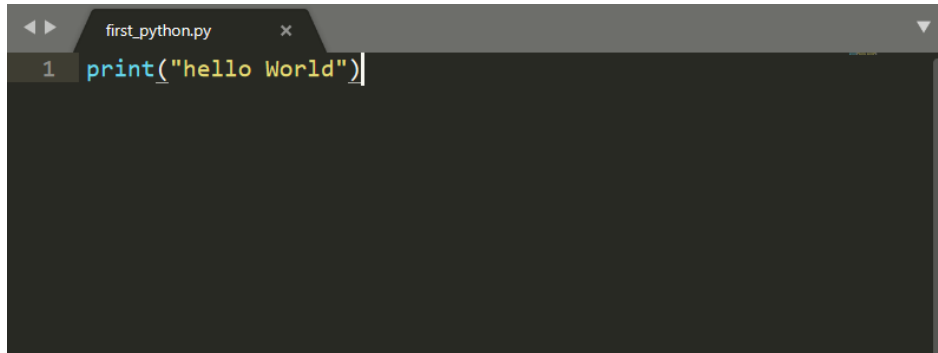


- If you can see a text editor like the one below, you have successfully downloaded Sublime Text.

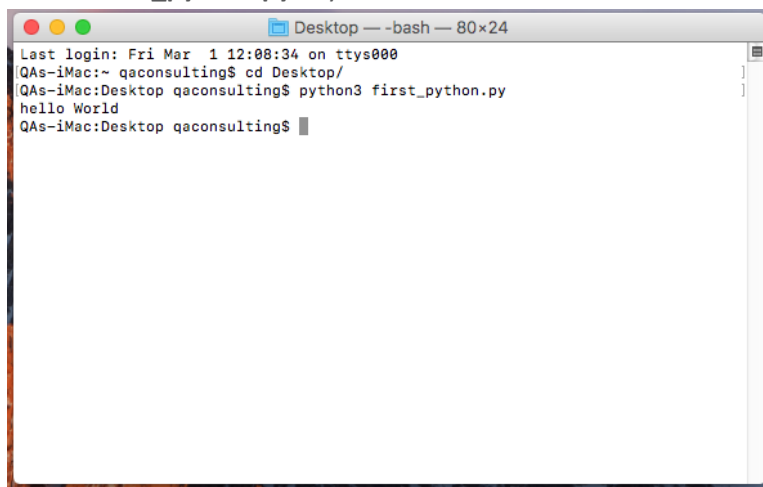


Executing code with Mac

- Inside sublime text editor enter the command `print("hello world")`. Then save this file as `first_python.py` to your desktop.



- Next open terminal and type the command `cd Desktop`. Then type the command `python3 first_python.py` in your terminal



If you struggled with any of these steps, please be sure to get there early on Saturday so that we can help you.