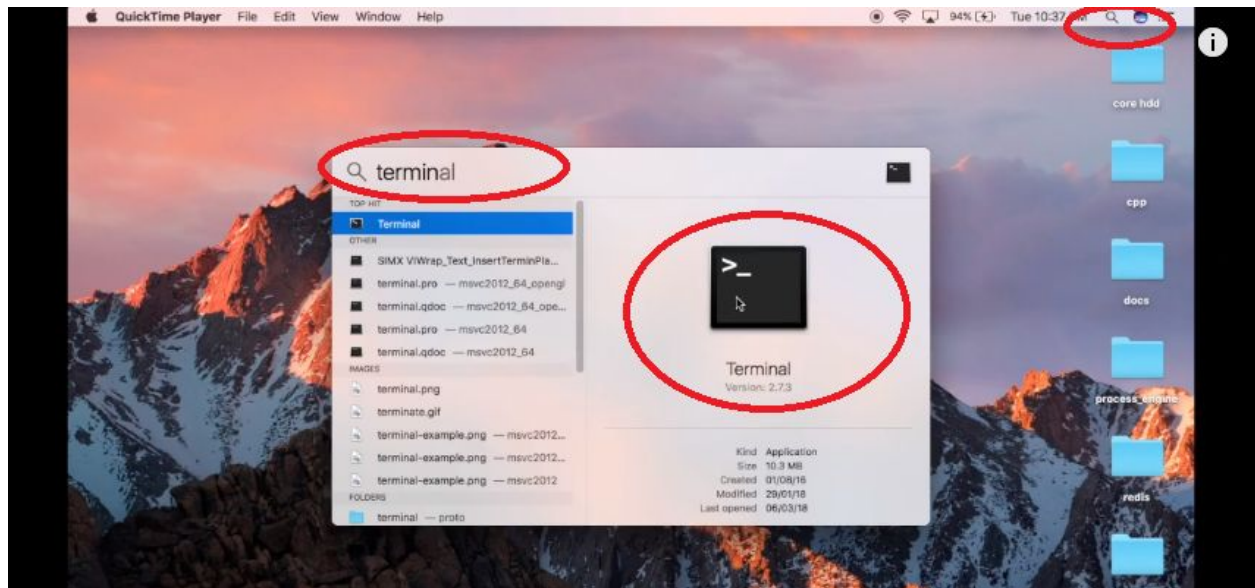


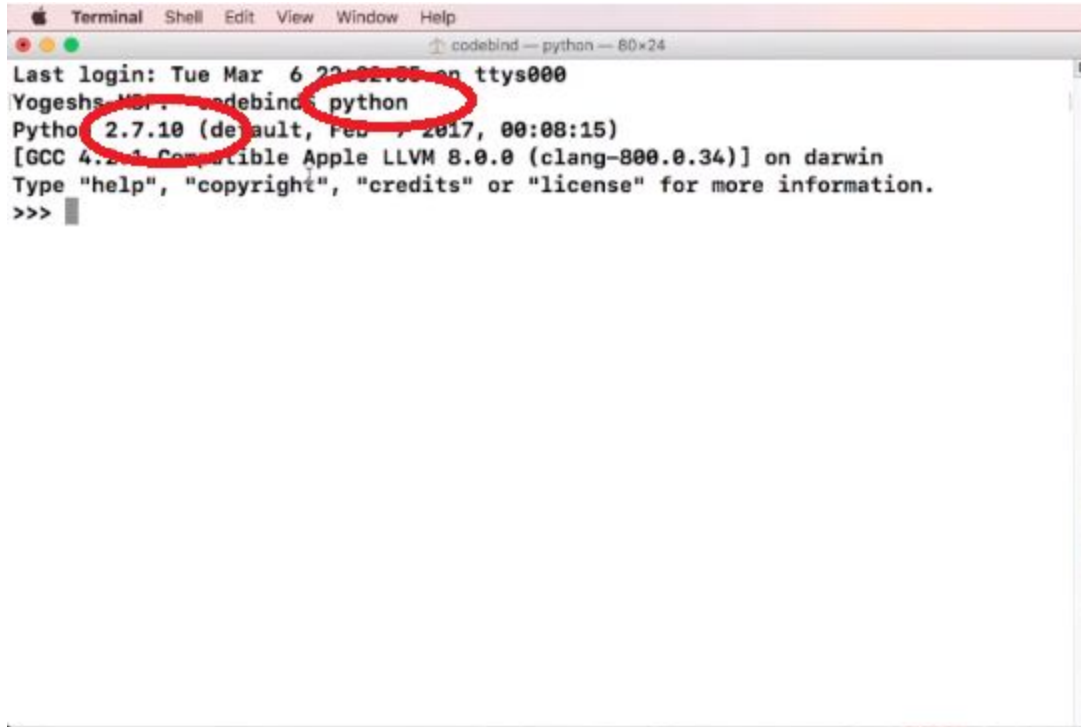
**SummitWorks Technologies Inc.**

**Python Installation on Mac**

1. By default Python 2.7 is already installed on your operation system, you can check this by clicking the search icon on the top and type terminal. Click on the terminal icon once it shows on right hand side which will open your terminal.




2. Once the terminal is open, type python and you can see python 2.7 is already installed in your system. This will open the python shell.



A screenshot of a macOS Terminal window. The title bar shows 'Terminal' with standard window controls. The menu bar includes 'Terminal', 'Shell', 'Edit', 'View', 'Window', and 'Help'. The status bar at the bottom indicates 'codebind — python — 80x24'. The terminal text shows a login session for 'Yogeshs-MBP' on 'Tue Mar 6 22:02:35 on ttys000'. The user enters 'codebind\$ python', which starts 'Python 2.7.10 (default, Feb 7 2017, 00:08:15)'. It then displays compiler information: '[GCC 4.2.1 Compatible Apple LLVM 8.0.0 (clang-800.0.34)] on darwin'. A help message is shown: 'Type "help", "copyright", "credits" or "license" for more information.' The prompt is '>>>'. Red circles highlight the 'codebind\$ python' command and the 'Python 2.7.10' version string.

```
Terminal Shell Edit View Window Help
codebind — python — 80x24
Last login: Tue Mar 6 22:02:35 on ttys000
Yogeshs-MBP:~ codebind$ python
Python 2.7.10 (default, Feb 7 2017, 00:08:15)
[GCC 4.2.1 Compatible Apple LLVM 8.0.0 (clang-800.0.34)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

3. You can exit the python shell using the quit(), exit(), or ctrl D commands

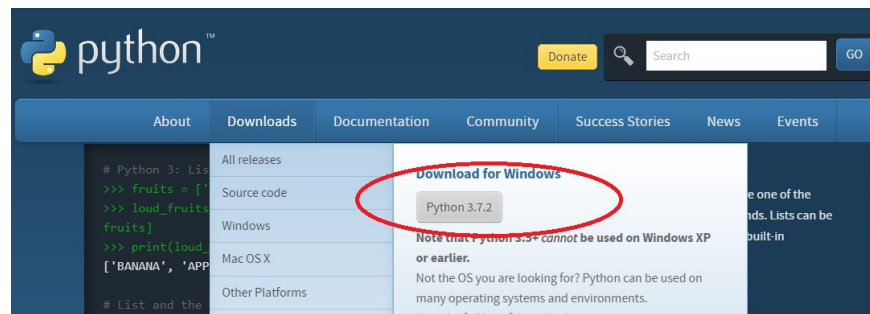


A screenshot of a macOS Terminal window showing three consecutive attempts to exit a Python shell. The title bar and menu bar are the same as the previous image. The status bar shows 'codebind — -bash — 90x23'. Each attempt starts with 'Yogeshs-MBP:~ codebind\$ python' and the same Python version and compiler information. The first attempt shows the user entering 'exit()' at the '>>>' prompt. The second attempt shows the user entering 'quit()' at the '>>>' prompt. The third attempt shows the user entering '^D' at the '>>>' prompt, which results in the prompt changing back to 'Yogeshs-MBP:~ codebind\$'. Red circles highlight the 'exit()', 'quit()', and '^D' inputs.

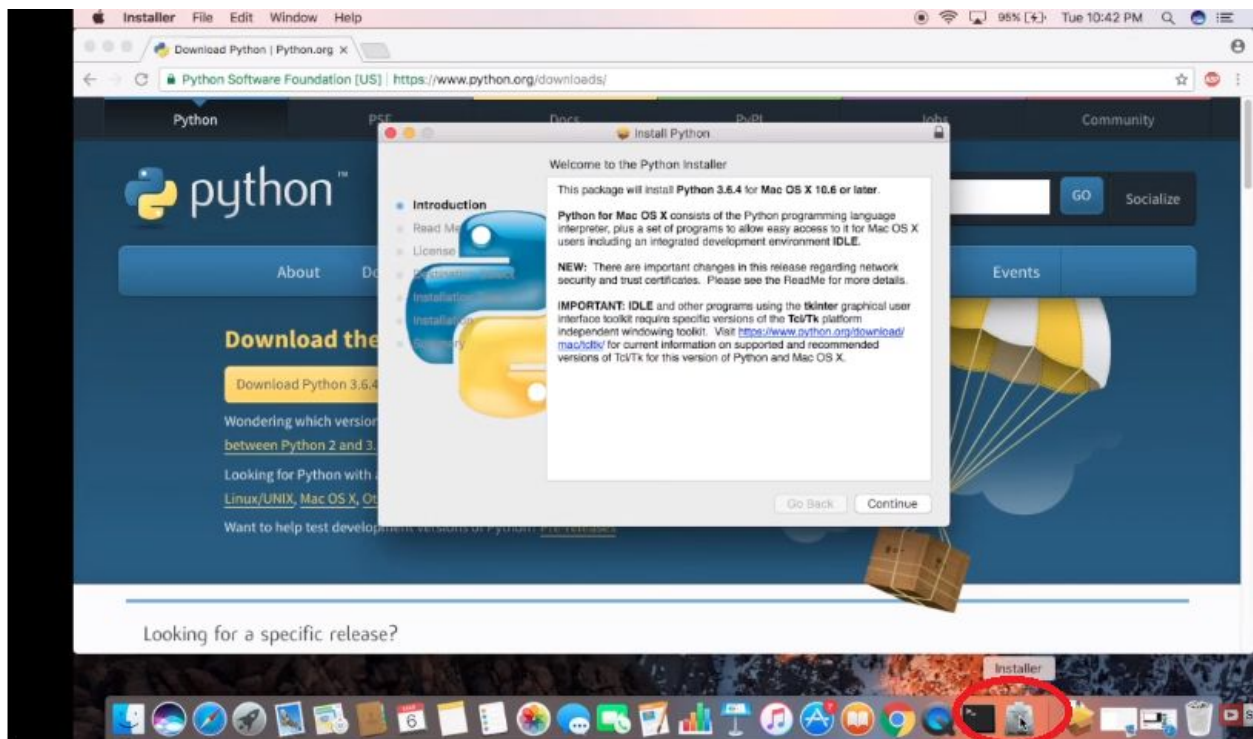
```
Terminal Shell Edit View Window Help
codebind — -bash — 90x23
Last login: Tue Mar 6 22:32:55 on ttys000
Yogeshs-MBP:~ codebind$ python
Python 2.7.10 (default, Feb 7 2017, 00:08:15)
[GCC 4.2.1 Compatible Apple LLVM 8.0.0 (clang-800.0.34)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>> exit()
Yogeshs-MBP:~ codebind$ python
Python 2.7.10 (default, Feb 7 2017, 00:08:15)
[GCC 4.2.1 Compatible Apple LLVM 8.0.0 (clang-800.0.34)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>> quit()
Yogeshs-MBP:~ codebind$ python
Python 2.7.10 (default, Feb 7 2017, 00:08:15)
[GCC 4.2.1 Compatible Apple LLVM 8.0.0 (clang-800.0.34)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>> ^D
Yogeshs-MBP:~ codebind$
```

4. Now let's download the latest version from the python official website.

5. To download and install Python visit the official website of Python <http://www.python.org/downloads/> and click on Python 3.7.2.



6. Once the download is complete, click on the exe file to open the installer in your doc. Click on the installer icon which will open another interface as shown in the screenshot.



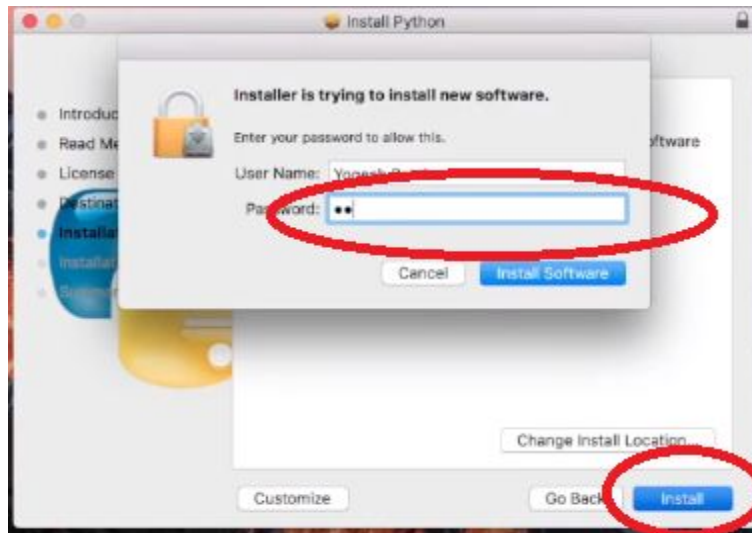
7. Click continue button and agree to the terms of agreement



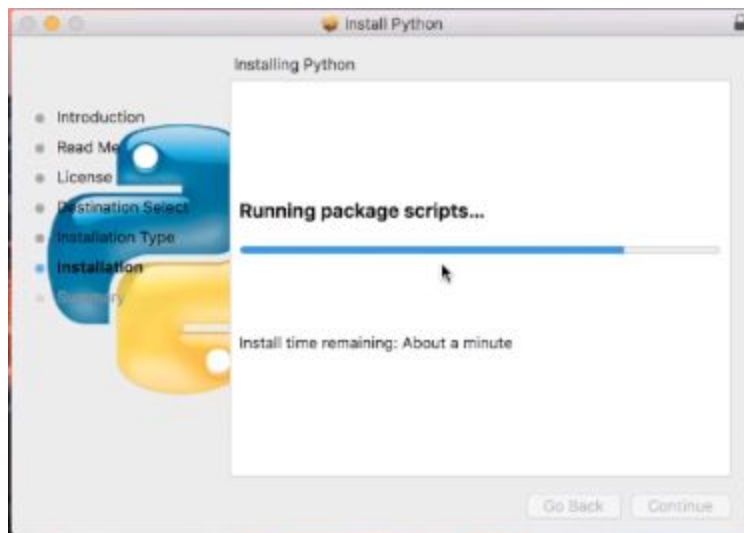
8. Once you click the agree button, you will see the following screen. Select the disk where you want to install python and click continue.



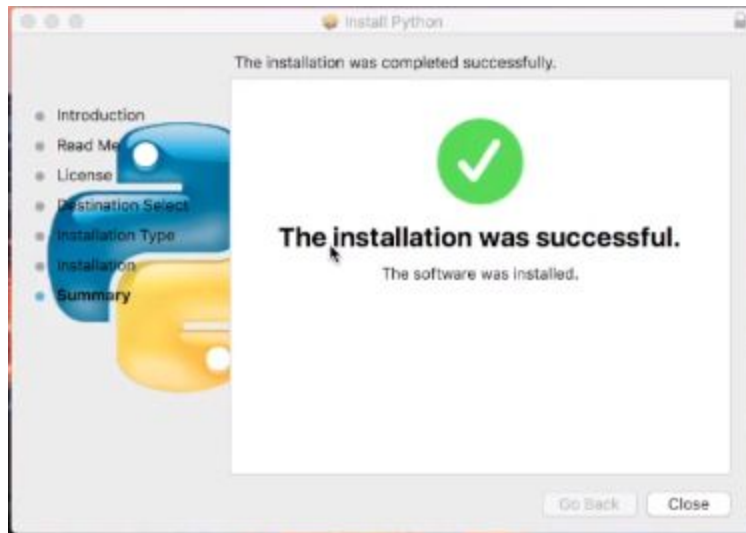
9. Click install button. It will prompt for the password to enter. Now click install software.



10. Once you click install software button, it will install python3 in your Mac OS.



11. If the installation is success, you will get the following screen



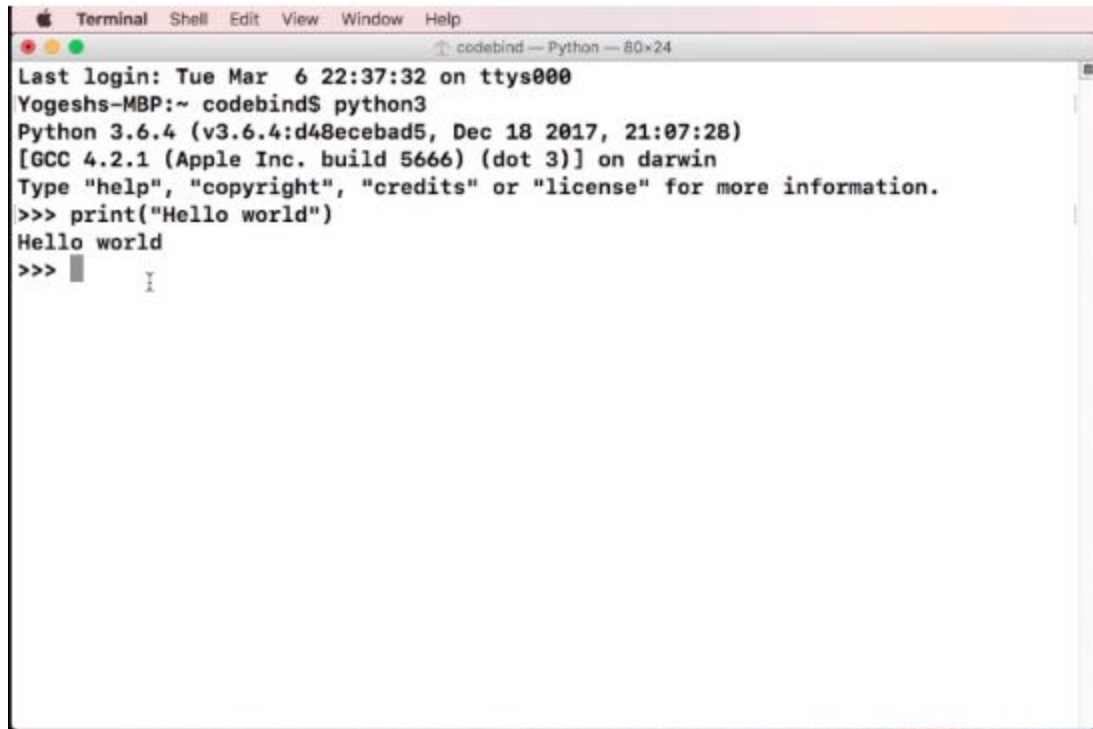
12. Now open your terminal again and type command “python3” which will open your python3 shell

A screenshot of a macOS Terminal window. The title bar shows "Terminal" and "codebind — Python — 80x24". The terminal output shows the following text:

```
Last login: Tue Mar 6 22:37:32 on ttys000
Yogeshs-MBP:~ codebind$ python3
Python 3.6.4 (v3.6.4:d48eeced5, Dec 18 2017, 21:07:28)
[GCC 4.2.1 (Apple Inc. build 5666) (dot 3)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>> 
```

The cursor is positioned at the end of the last line, ready for input.

13. Now you can print “Hello World” as shown in the screen.



```
Terminal Shell Edit View Window Help
codebind — Python — 80x24

Last login: Tue Mar  6 22:37:32 on ttys000
Yogeshs-MBP:~ codebind$ python3
Python 3.6.4 (v3.6.4:d48ecebad5, Dec 18 2017, 21:07:28)
[GCC 4.2.1 (Apple Inc. build 5666) (dot 3)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>> print("Hello world")
Hello world
>>> 
```