

# Installation for Mac

# Python Installation

Search results for "How to Install Python on a Mac":

About 92,100,000 results (0.60 seconds)

**How to Install Python on a Mac**

1. Navigate to the Python download site with your browser. ...
2. Click the appropriate link for your version of OS X: ...
3. Double-click python. ...
4. Click Continue three times. ...
5. Select the Volume (hard drive or other media) that you want to use for installing Python and click Continue. ...
6. Click Install.

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**Python Releases for macOS**

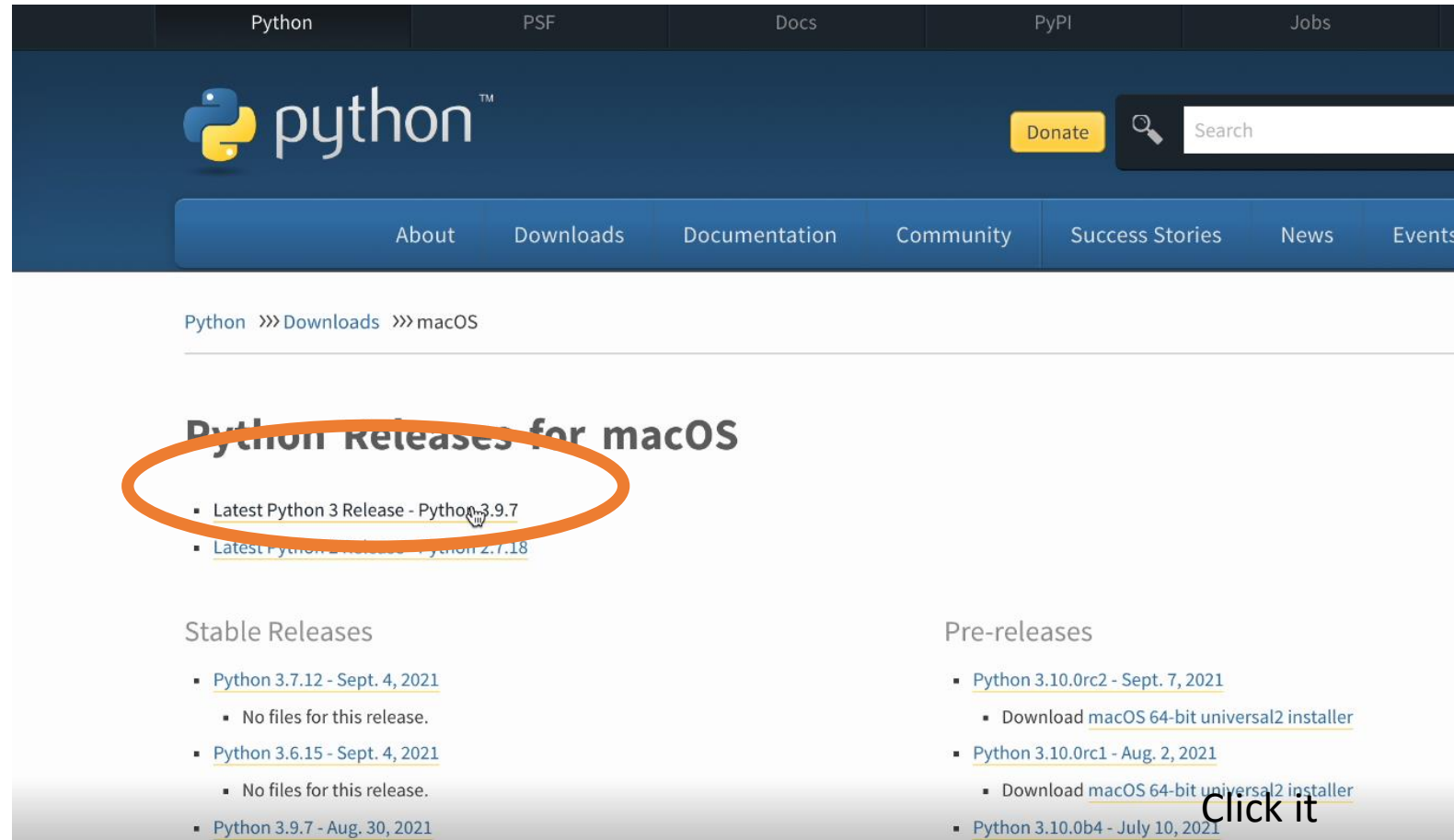
No files for this release. **Python 3.8.9** - April 2, 2021. Download **macOS 64-bit Intel** installer ·

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# Python Installation



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## Python Releases for macOS

- [Latest Python 3 Release - Python 3.9.7](#)
- [Latest Python 2 Release - Python 2.7.18](#)

### Stable Releases

- [Python 3.7.12 - Sept. 4, 2021](#)
  - No files for this release.
- [Python 3.6.15 - Sept. 4, 2021](#)
  - No files for this release.
- [Python 3.9.7 - Aug. 30, 2021](#)

### Pre-releases

- [Python 3.10.0rc2 - Sept. 7, 2021](#)
  - [Download macOS 64-bit universal2 installer](#)
- [Python 3.10.0rc1 - Aug. 2, 2021](#)
  - [Download macOS 64-bit universal2 installer](#)
- [Python 3.10.0b4 - July 10, 2021](#)

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# Python Installation

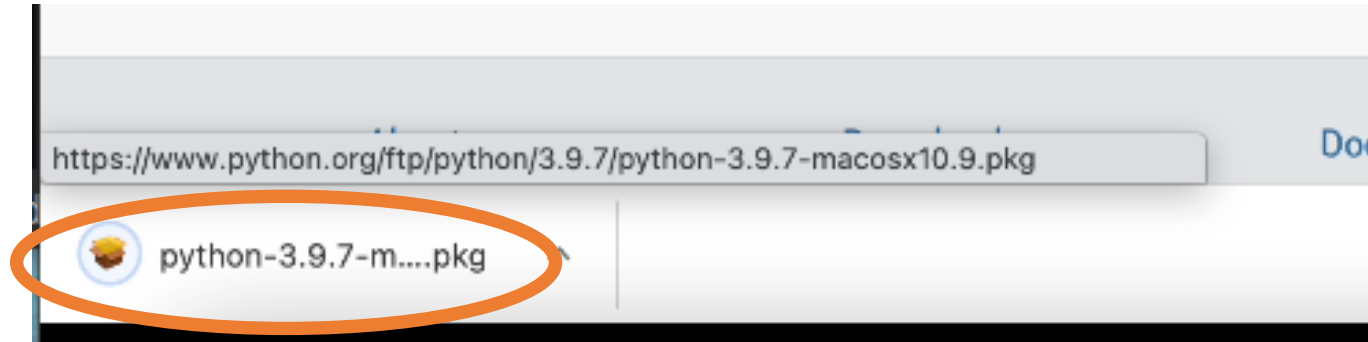
[Full Changelog](#)

## Files

Version	Operating System	Description	MD5 Sum	File Size	PGP
<a href="#">Gzipped source tarball</a>	Source release		5f463f30b1fdc545f156583630318b3	25755357	<a href="#">SIG</a>
<a href="#">XZ compressed source tarball</a>	Source release		fddb060b483bc01850a3f412eea1d954	19123232	<a href="#">SIG</a>
<a href="#">macOS 64-bit Intel installer</a>	macOS	for macOS 10.9 and later	ce8c2f885f26b09536857610644260d4	30038206	<a href="#">SIG</a>
<a href="#">macOS 64-bit universal2 installer</a>	macOS	for macOS 10.9 and later, including macOS 11 Big Sur on Apple Silicon (experimental)	825067610b16b03ec814630df1b65193	38144099	<a href="#">SIG</a>
<a href="#">Windows embeddable package (32-bit)</a>	Windows		6d12e3e0f942830de8466a83d30a45fb	7652688	<a href="#">SIG</a>
<a href="#">Windows embeddable package (64-bit)</a>	Windows		67e19ff32b3ef62a40bccd50e33b0f53	8473919	<a href="#">SIG</a>
<a href="#">Windows help file</a>	Windows		b92a78506ccf258d5ad0d98c341fc5d1	9263789	<a href="#">SIG</a>
<a href="#">Windows installer (32-bit)</a>	Windows		0d949bdfdbd0c8c66107a980a95efd85	27811736	<a href="#">SIG</a>
<a href="#">Windows installer (64-bit)</a>	Windows	Recommended	cc3eabc1f9d6c703d1d2a4e7c041bc1d	28895456	<a href="#">SIG</a>

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# Python Installation



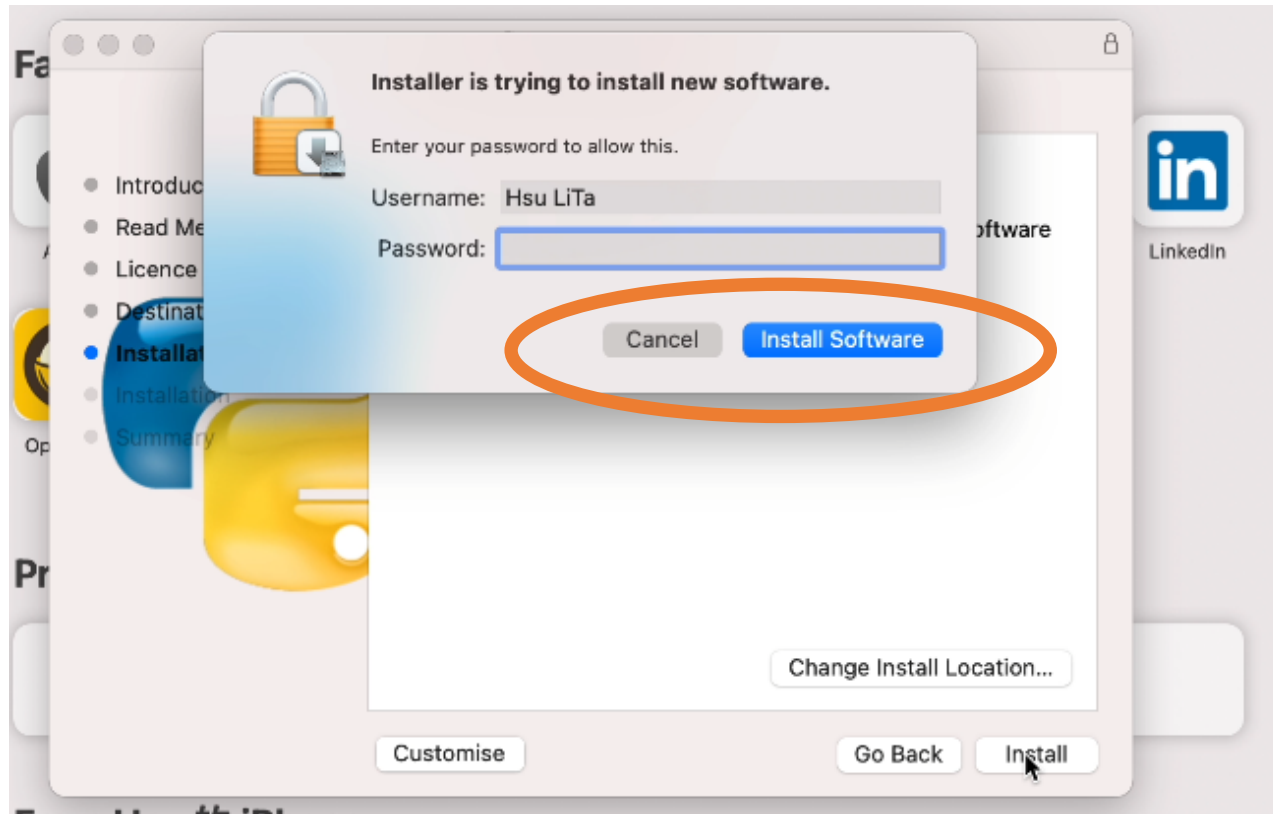
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# Python Installation



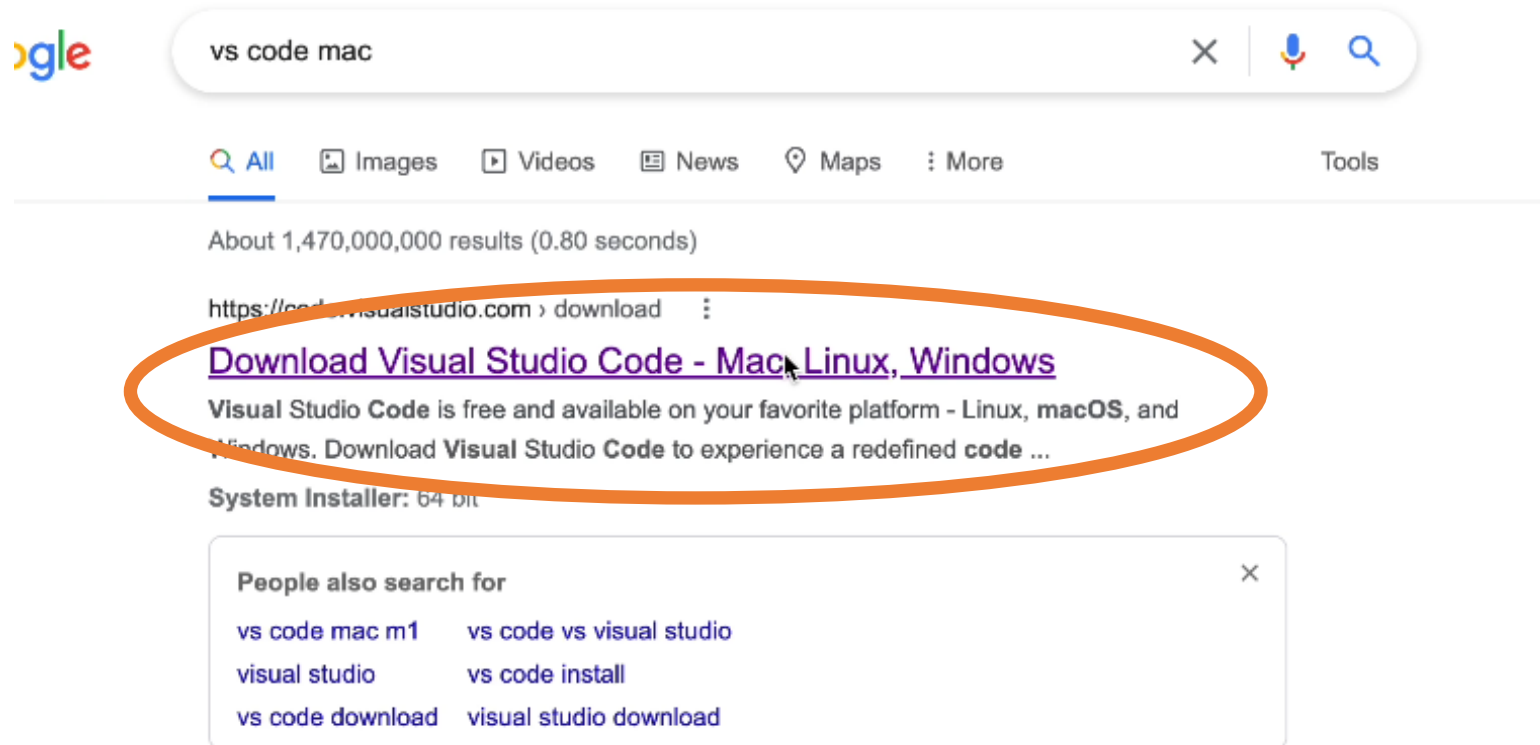
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# Python Installation



Click it

# Visual Studio Code Installation



Click it



# Visual Studio Code Installation

## Download Visual Studio Code

Free and built on open source. Integrated Git, debugging and extensions.



↓ Windows

Windows 7, 8, 10

User Installer	64 bit	32 bit	ARM
System Installer	64 bit	32 bit	ARM
.zip	64 bit	32 bit	ARM



↓ .deb

Debian, Ubuntu

↓ .rpm

Red Hat, Fedora, SUSE

.deb	64 bit	ARM	ARM 64
.rpm	64 bit	ARM	ARM 64
.tar.gz	64 bit	ARM	ARM 64

[Snap Store](#)



↓ Mac

macOS 10.11+

[.zip](#) [Universal](#) [Intel Chip](#) [Apple Silicon](#)

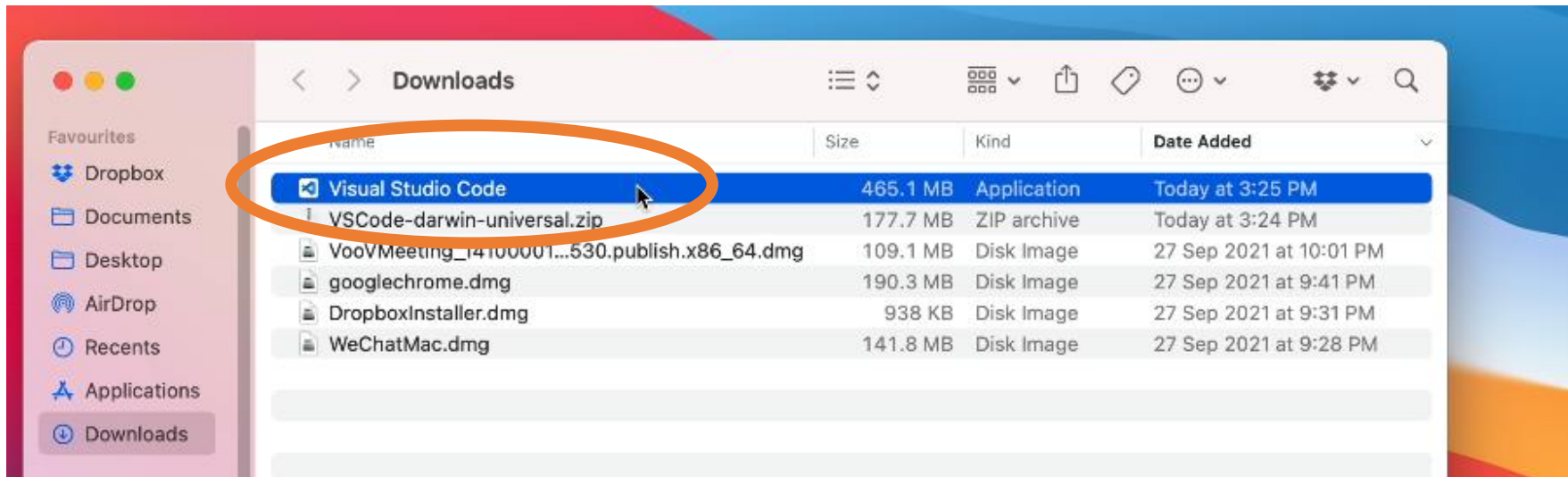
Click it

# Visual Studio Code Installation



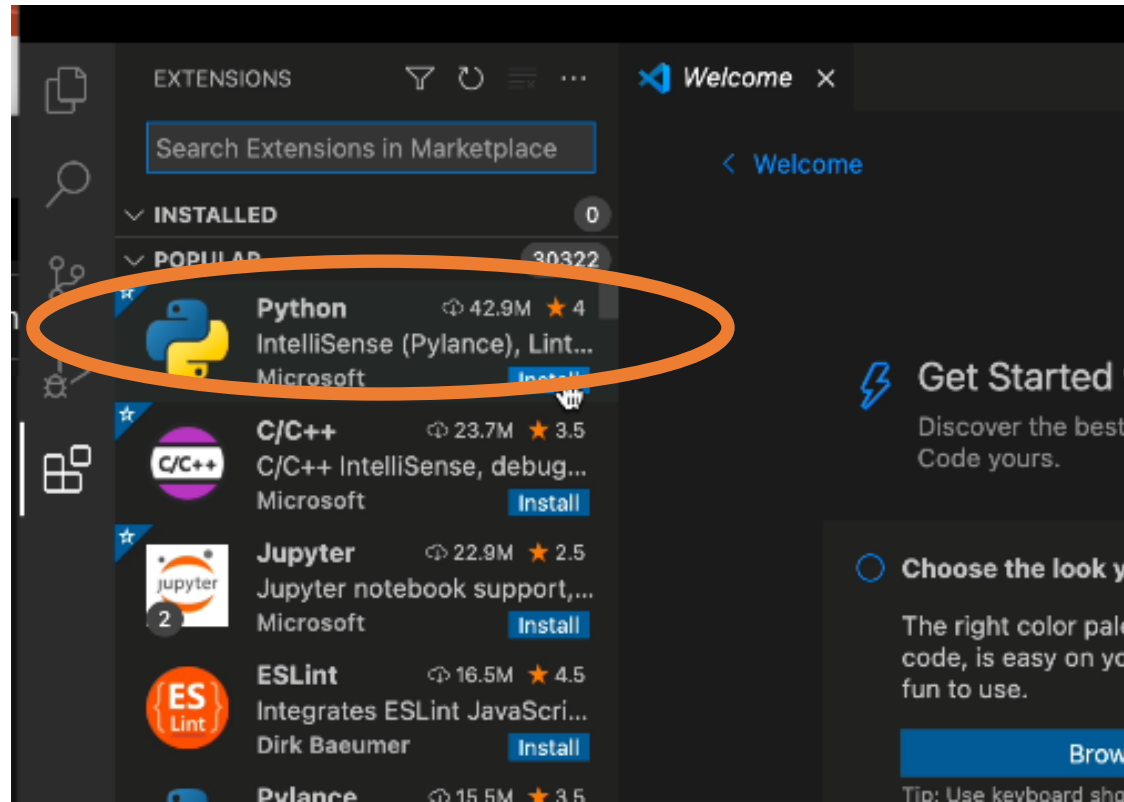
Click it

# Visual Studio Code Installation



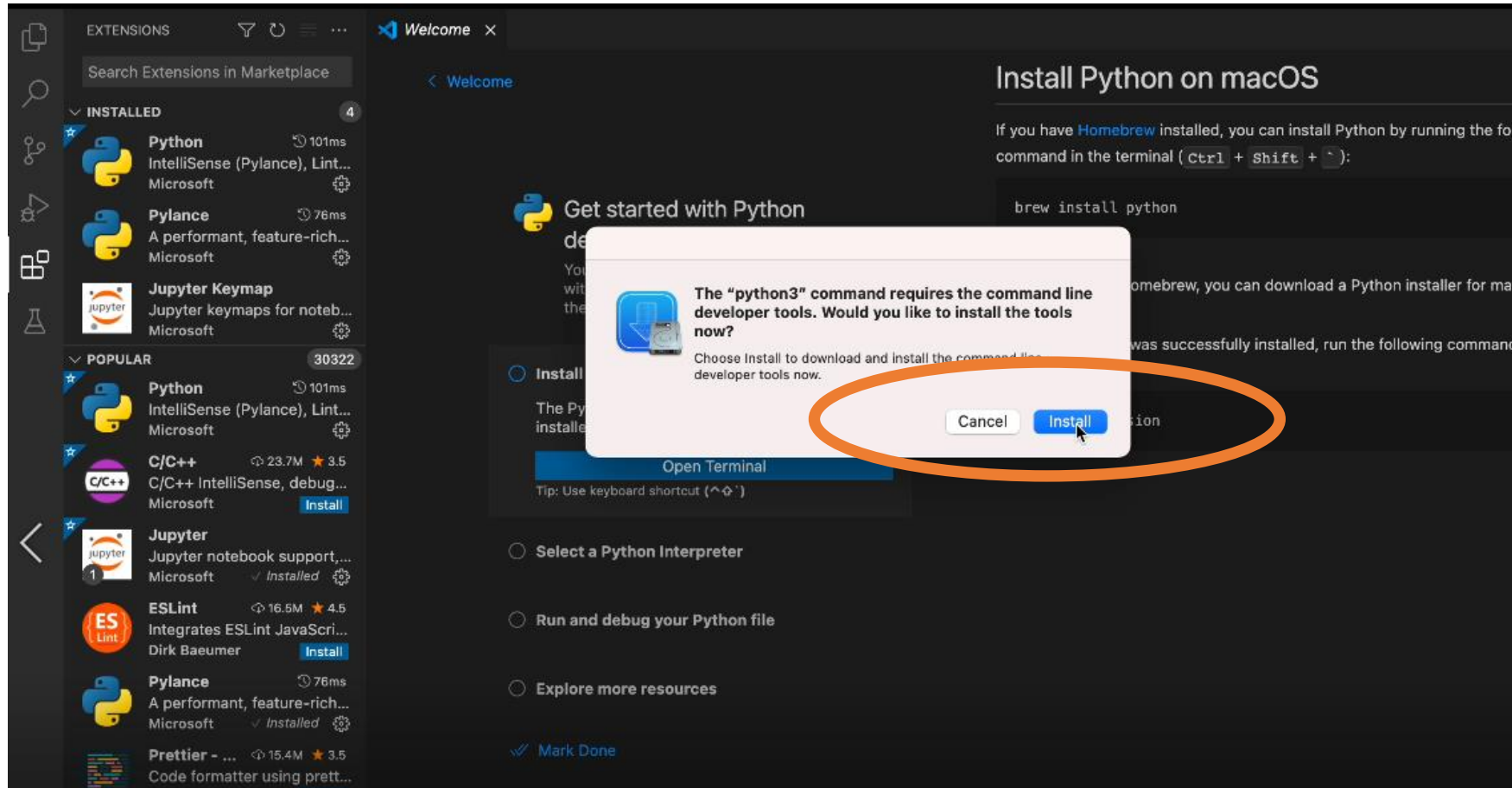
Click it

# Visual Studio Code Installation



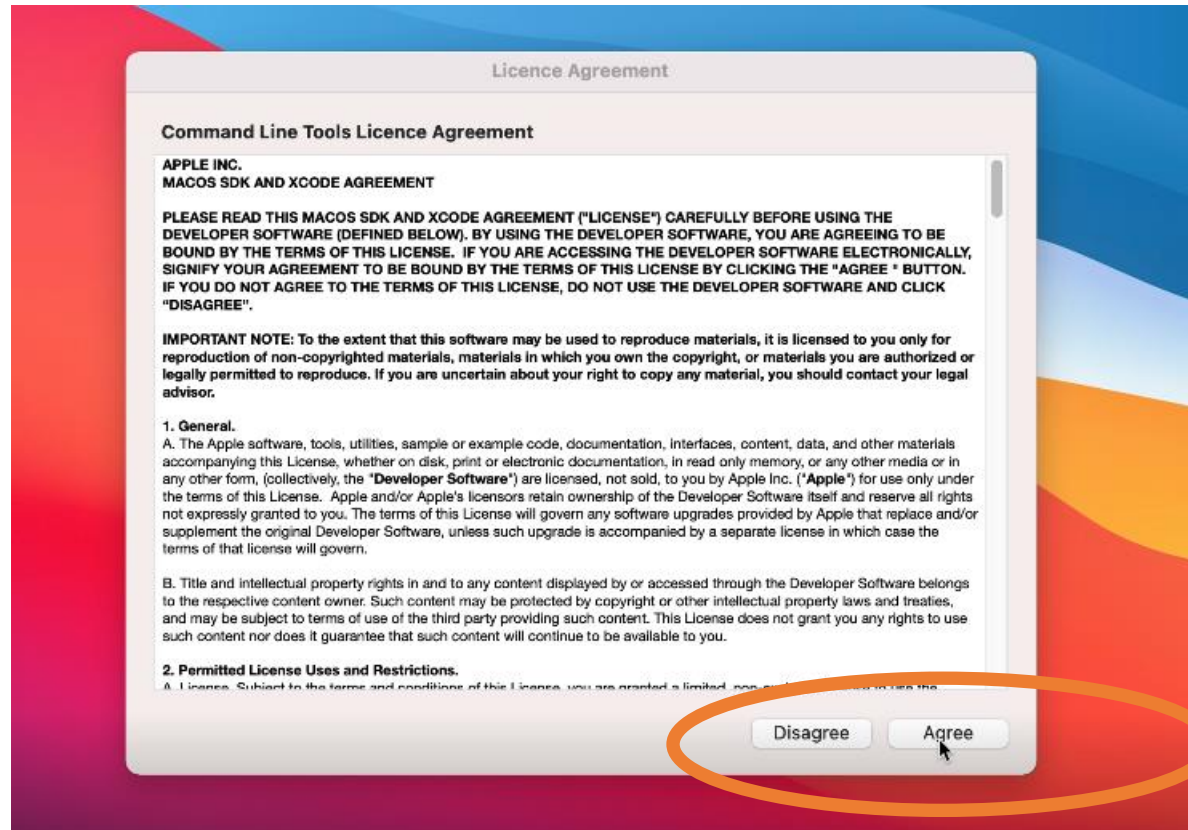
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# Visual Studio Code Installation



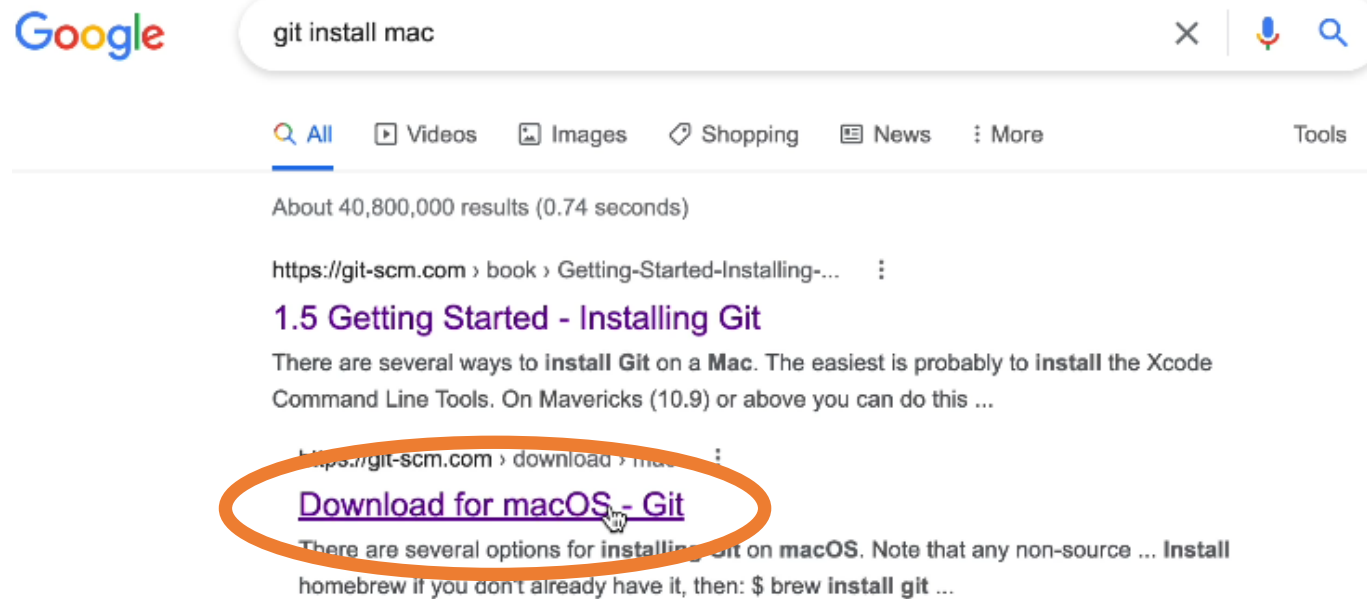
Click it

# Visual Studio Code Installation



Click it

# Git Installation



Click it

# Git Installation

**git** --local-branching-on-the-cheap

Search entire site...

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The entire **Pro Git book** written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

## Download for macOS

There are several options for installing Git on macOS. Note that any non-source distributions are by third parties, and may not be up to date with the latest source release.

### Homebrew

Install [homebrew](#) if you don't already have it, then:

```
$ brew install git
```

### Xcode

Apple ships a binary package of Git with [Xcode](#).

### Binary installer

Tim Harper provides an [installer](#) for Git. The latest version is [2.33.0](#), which was released about ago, on 2021-08-30.

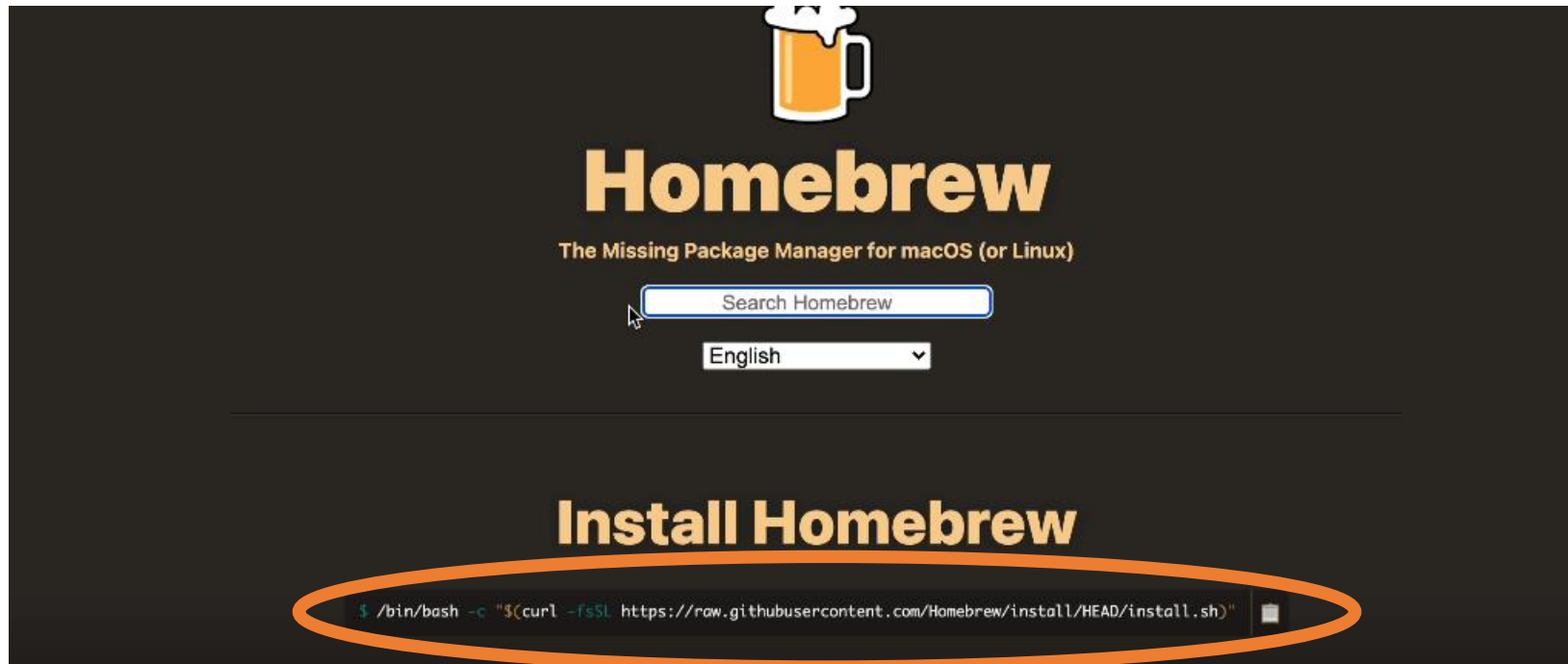
### Building from Source

If you prefer to build from source, you can find tarballs [on kernel.org](#). The latest version is [2.33](#)

Click it

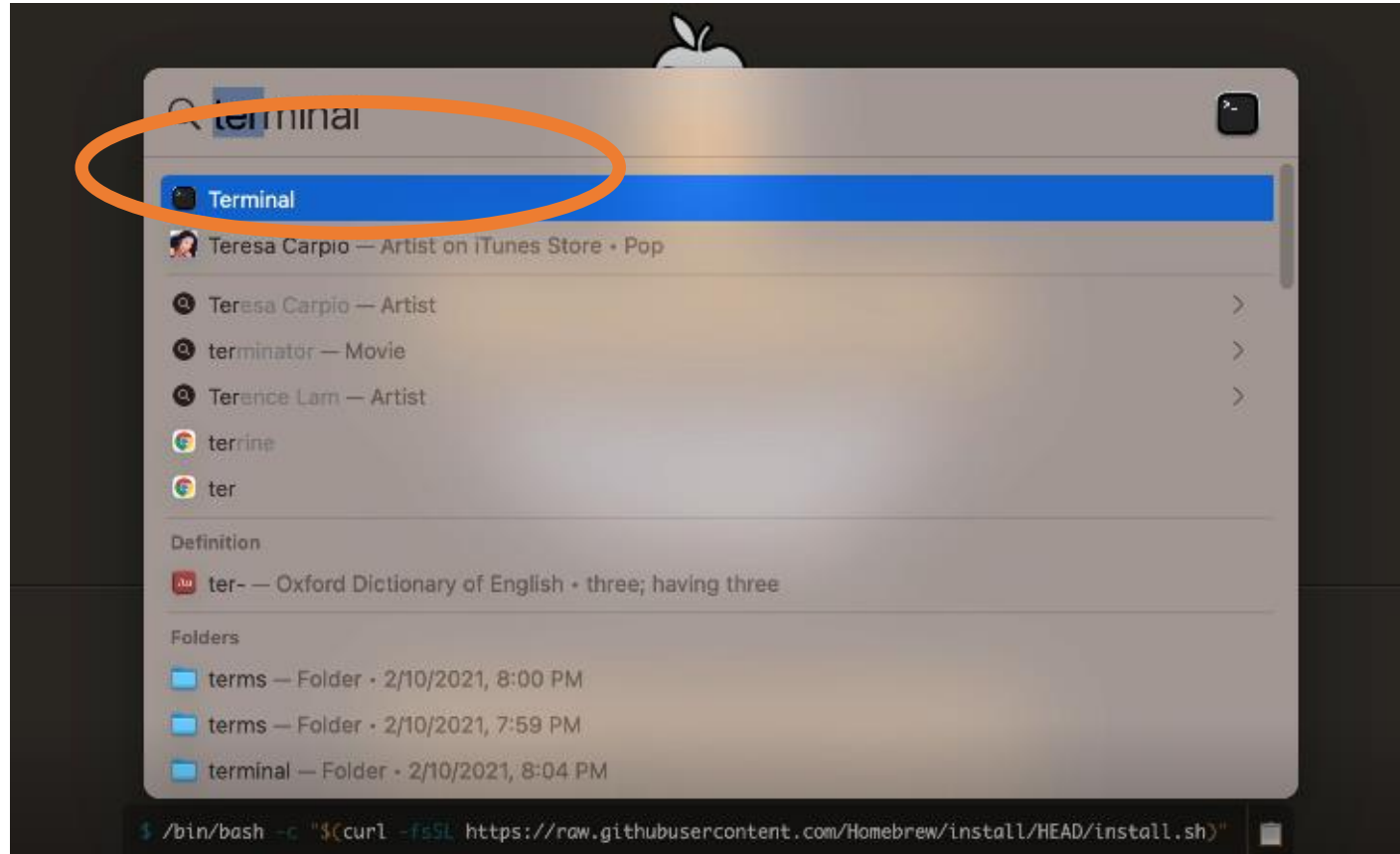


# Git Installation



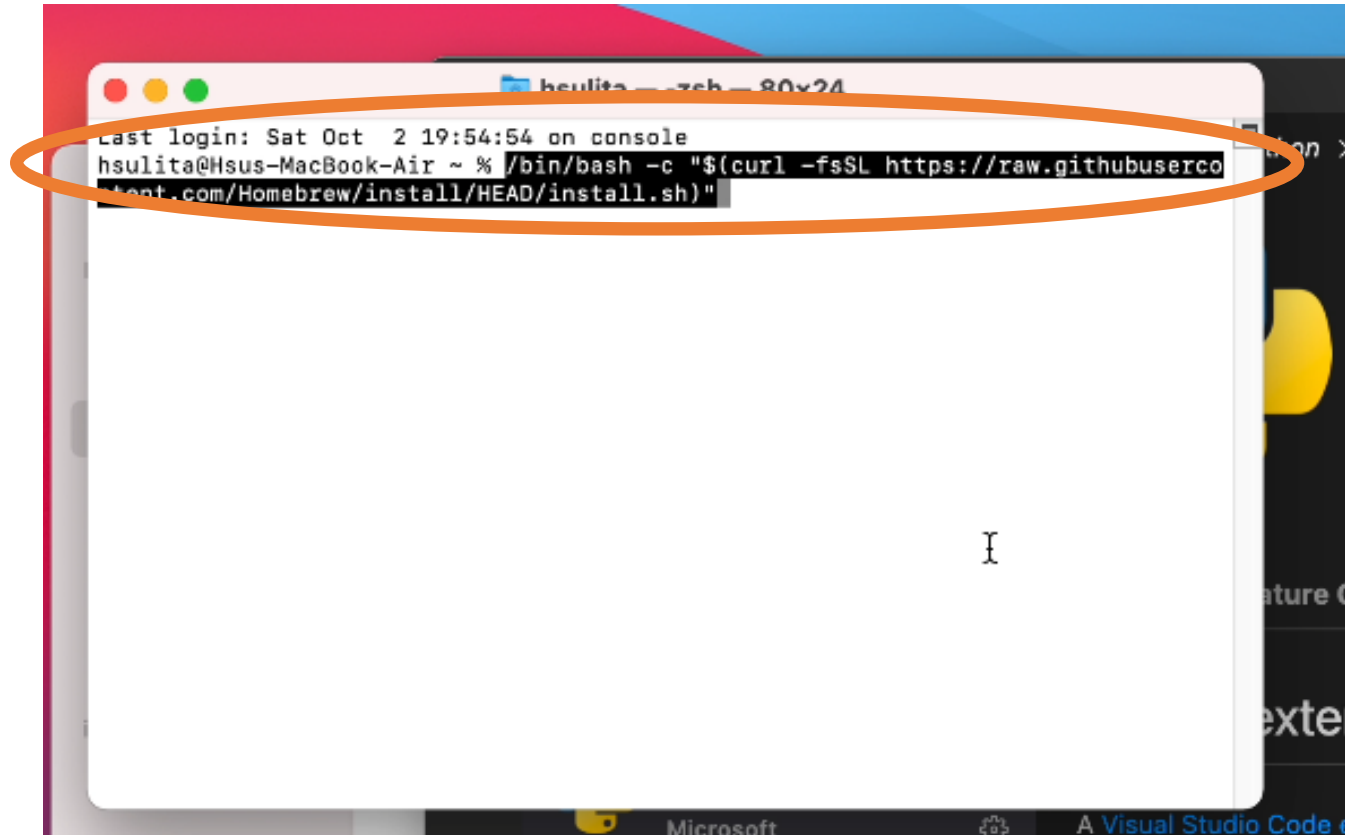
Copy this command

# Git Installation



Click it

# Git Installation

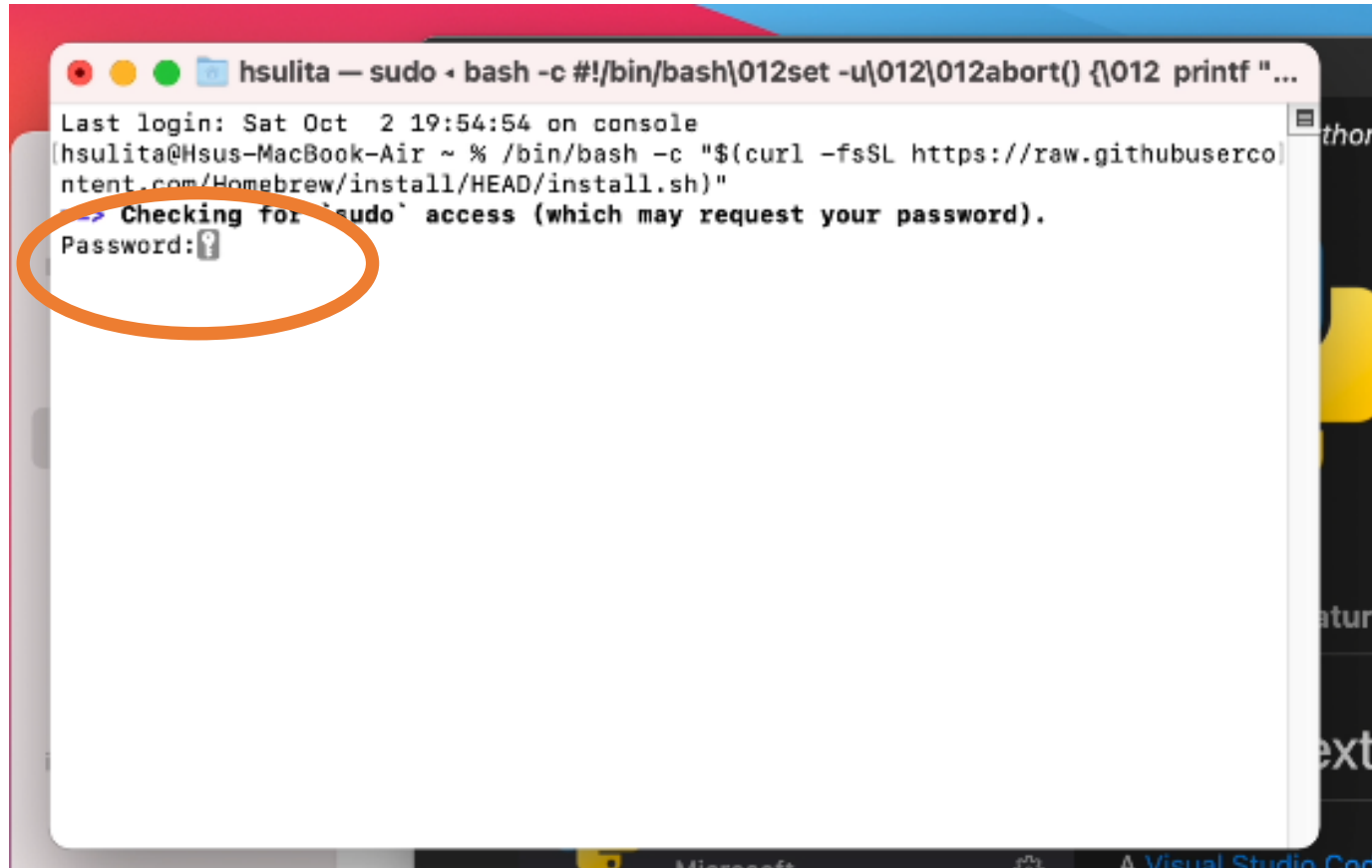


A screenshot of a macOS terminal window. The window title is "hsulita - zsh - 80x24". The terminal shows the following text: "Last login: Sat Oct 2 19:54:54 on console", "hsulita@Hsus-MacBook-Air ~ %", and a command being entered: `/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"`. The command line is highlighted with an orange oval. A cursor is visible at the end of the command line. The background of the terminal window shows a portion of a Visual Studio Code editor with a dark theme.

```
Last login: Sat Oct 2 19:54:54 on console
hsulita@Hsus-MacBook-Air ~ % /bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
```

Paste the command

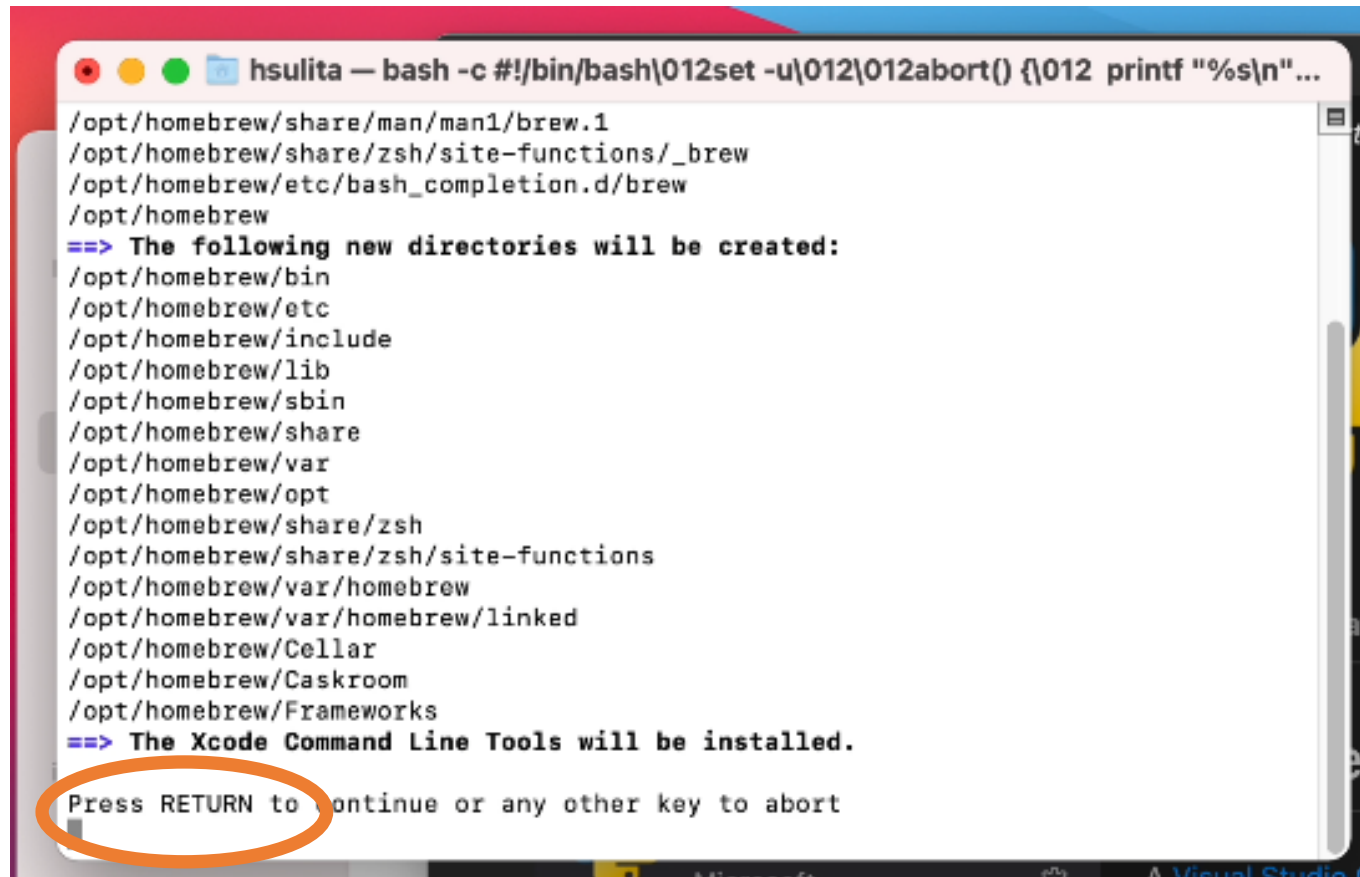
# Git Installation



```
hsulita — sudo - bash -c #!/bin/bash\012set -u\012\012abort() {\012 printf "...
Last login: Sat Oct  2 19:54:54 on console
[hsulita@Hsus-MacBook-Air ~ % /bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
-> Checking for `sudo` access (which may request your password).
Password: [?]
```

Enter your password

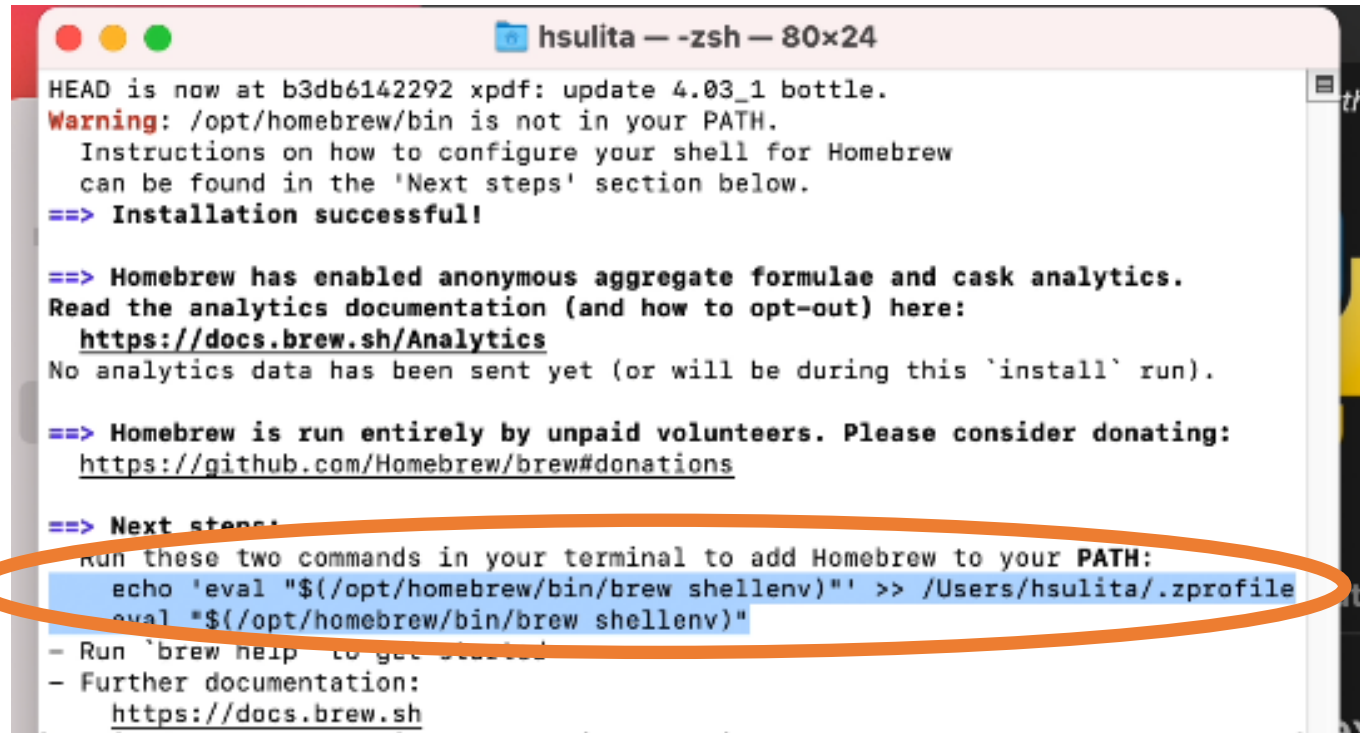
# Git Installation

A screenshot of a macOS terminal window titled 'hsulita — bash -c #!/bin/bash\012set -u\012\012abort() {\012 printf "%s\n"...'. The terminal displays the output of a Homebrew installation command. It lists several files being installed, such as '/opt/homebrew/share/man/man1/brew.1' and '/opt/homebrew/etc/bash\_completion.d/brew'. It then states that new directories will be created, listing paths like '/opt/homebrew/bin', '/opt/homebrew/etc', and others. A message indicates that Xcode Command Line Tools will be installed. At the bottom, the prompt 'Press RETURN to continue or any other key to abort' is shown, with the word 'RETURN' circled in orange.

```
hsulita — bash -c #!/bin/bash\012set -u\012\012abort() {\012 printf "%s\n"...  
/opt/homebrew/share/man/man1/brew.1  
/opt/homebrew/share/zsh/site-functions/_brew  
/opt/homebrew/etc/bash_completion.d/brew  
/opt/homebrew  
==> The following new directories will be created:  
/opt/homebrew/bin  
/opt/homebrew/etc  
/opt/homebrew/include  
/opt/homebrew/lib  
/opt/homebrew/sbin  
/opt/homebrew/share  
/opt/homebrew/var  
/opt/homebrew/opt  
/opt/homebrew/share/zsh  
/opt/homebrew/share/zsh/site-functions  
/opt/homebrew/var/homebrew  
/opt/homebrew/var/homebrew/linked  
/opt/homebrew/Cellar  
/opt/homebrew/Caskroom  
/opt/homebrew/Frameworks  
==> The Xcode Command Line Tools will be installed.  
Press RETURN to continue or any other key to abort
```

Press RETURN

# Git Installation



```
hsulita — -zsh — 80x24
HEAD is now at b3db6142292 xpdf: update 4.03_1 bottle.
Warning: /opt/homebrew/bin is not in your PATH.
Instructions on how to configure your shell for Homebrew
can be found in the 'Next steps' section below.
==> Installation successful!

==> Homebrew has enabled anonymous aggregate formulae and cask analytics.
Read the analytics documentation (and how to opt-out) here:
https://docs.brew.sh/Analytics
No analytics data has been sent yet (or will be during this 'install' run).

==> Homebrew is run entirely by unpaid volunteers. Please consider donating:
https://github.com/Homebrew/brew#donations

==> Next steps:
Run these two commands in your terminal to add Homebrew to your PATH:
  echo 'eval "$(/opt/homebrew/bin/brew shellenv)"' >> /Users/hsulita/.zprofile
  eval "$(/opt/homebrew/bin/brew shellenv)"
- Run 'brew help' to get started
- Further documentation:
  https://docs.brew.sh
```

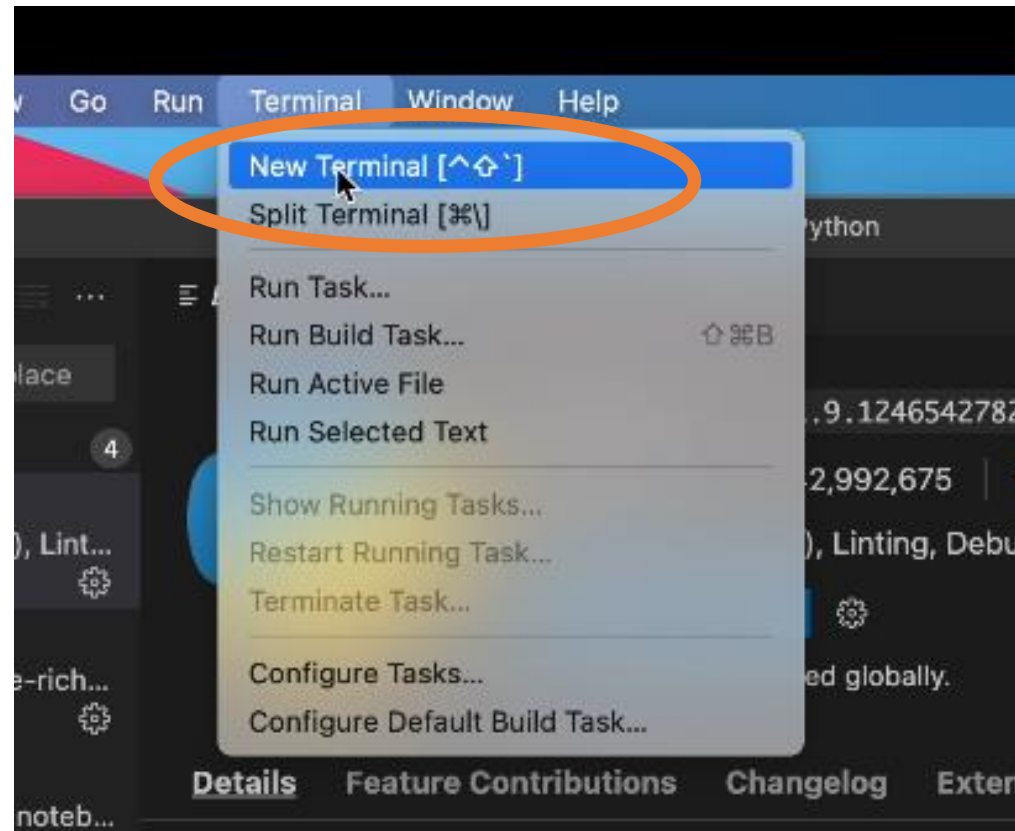
Copy this command

# Git Installation

```
hsulita@Hsus-MacBook-Air ~ %      echo 'eval "$(/opt/homebrew/bin/brew shellenv)'"
' >> /Users/hsulita/.zprofile
[      eval "$(/opt/homebrew/bin/brew shellenv)"]
[hsulita@Hsus-MacBook-Air ~ % brew install git
```

Type the command

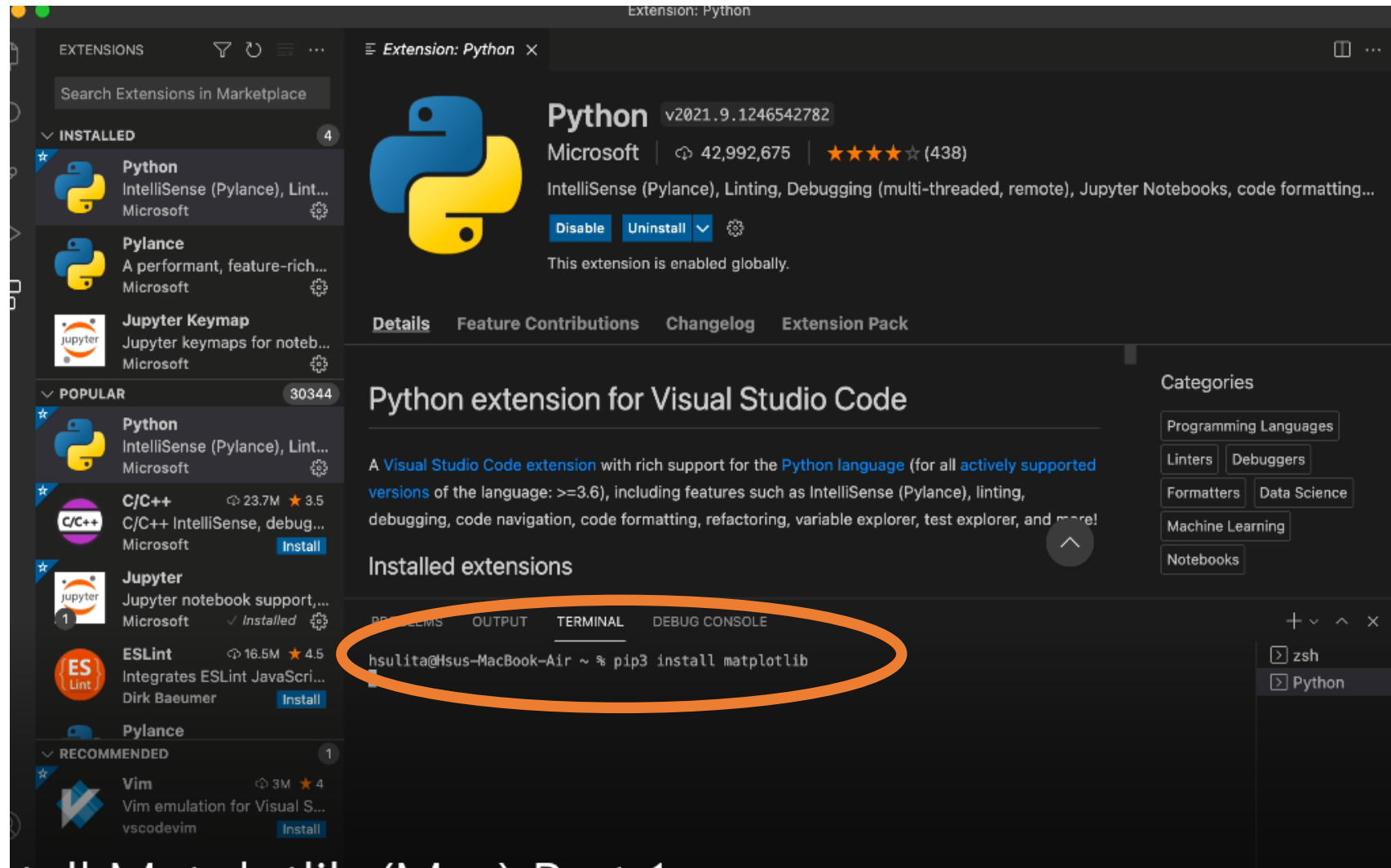
# Matplotlib Installation



Click it



# Matplotlib Installation



Type the command

# Matplotlib Installation

```
Collecting six
  Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil, pyparsing, pillow, numpy, kiwisolver, cyclor, mat
plotlib
Successfully installed cyclor-0.10.0 kiwisolver-1.3.2 matplotlib-3.4.3 numpy-1.21.2 pillow-8.3.2 pypar
sing-2.4.7 python-dateutil-2.8.2 six-1.16.0
WARNING: You are using pip version 21.2.3; however, version 21.2.4 is available.
You should consider upgrading via the '/Library/Frameworks/Python.framework/Versions/3.9/bin/python3.9
-m pip install --upgrade pip' command.
hsulit@msd MacBook-Air ~ %
```

You may encounter this problem

# Matplotlib Installation

```
WARNING: You are using pip version 21.2.3; however, version 21.2.4 is available.  
You should consider upgrading via the '/Library/Frameworks/Python.framework/Versions/3.9/bin  
/python3.9 -m pip install --upgrade pip' command.  
hsulita@Hsus-MacBook-Air ~ %
```

Copy this command

# Matplotlib Installation

```
Successfully installed cycycler-0.10.0 kiwisolver-1.3.2 matplotlib-3.4.3 numpy-1.21.2 pillow-8
.3.2 pyparsing-2.4.7 python-dateutil-2.8.2 six-1.16.0
WARNING: You are using pip version 21.2.3; however, version 21.2.4 is available.
You should consider upgrading via the '/Library/Frameworks/Python.framework/Versions/3.9/bin
/python3.9 -m pip install --upgrade pip' command.
hsulita@Hsus-MacBook-Air ~ % pip install --upgrade pip
zsh: command not found: pip
hsulita@Hsus-MacBook-Air ~ % pip3 install --upgrade pip3
ERROR: Could not find a version that satisfies the requirement pip3 (from versions: none)
ERROR: No matching distribution found for pip3
WARNING: You are using pip version 21.2.3; however, version 21.2.4 is available.
You should consider upgrading via the '/Library/Frameworks/Python.framework/Versions/3.9/bin
/python3.9 -m pip install --upgrade pip' command.
hsulita@Hsus-MacBook-Air ~ % /Library/Frameworks/Python.framework/Versions/3.9/bin/python3.9
-m pip install --upgrade pip
```

Paste the command

# Matplotlib Installation

```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE

hsulita@Hsus-MacBook-Air ~ % /Library/Frameworks/Python.framework/Versions/3.9/bin/python3.9
-m pip install --upgrade pip
Requirement already satisfied: pip in /Library/Frameworks/Python.framework/Versions/3.9/lib/
python3.9/site-packages (21.2.3)
Collecting pip
  Downloading pip-21.2.4-py3-none-any.whl (1.6 MB)
    |████████████████████| 1.6 MB 5.6 MB/s
Installing collected packages: pip
  Attempting uninstall: pip
    Found existing installation: pip 21.2.3
    Uninstalling pip-21.2.3:
      Successfully uninstalled pip-21.2.3
  Successfully installed pip-21.2.4
hsulita@Hsus-MacBook-Air ~ % pip3 install matplotlib
```

Type the command