# 1 Installing Python

Installing Python on your computer allows you to run Python code. Python is an interpreted high-level programming language with simple syntax.

You can install Python on Windows by doing the following:

1. Go to the following link to download the installer: `https://www.python.org/downloads/mac-osx/`
2. Click latest Python 3 release.
3. Scroll down to the files section on the bottom.
4. If you have a Mac with an Intel processor, click **macOS 64-bit Intel installer** and save the file. If you have a Mac with Apple Silicon, click **macOS 64-bit universal2 installer** and save the file. It is likely your Mac has an Intel processor. If you are unsure which processor your computer has, follow the instructions below to determine which install you should use: `https://support.apple.com/en-us/HT203001`
5. Once it is finished downloading, run the installer.
6. Hit **continue**, **continue** again, **continue** again, and then **agree**.
7. Click **install**.
8. Enter your password or use Touch ID if prompted.
9. Wait until you see the setup was successful screen and then you can hit **close**.

You have successfully installed Python on your computer. To open IDLE, search **IDLE** in Spotlight search or find it in Launchpad. To open IDLE from terminal, type **idle3**.

# 2 Installing Packages

Installing packages allows you to use code written by other people. You can install them by doing the following:

1. Search **terminal** in Spotlight search and open it.
2. Install Python packages with the following command:

```
pip3 install [insert package name(s) here]
```

where `[insert packages name(s) here]` is the name(s) of the package(s) you want to install.
For example, for all the packages you need in CSCI 127 at Hunter College, you would want to type:

```
pip3 install numpy image matplotlib scipy pandas folium
```

You have successfully installed Python packages.

# 3 Questions and Feedback

If you have questions about or feedback for this guide, please email them to `csci350uta AT gmail DOT com`.