Installing PyGame

Windows:

- **Download and install Python 3.x** Get the latest stable release. Don’t go for the alpha or beta releases. It’s usually best to *install for all users*, if you have the privileges to do so. Also, setting the PATH variable in Windows is a good idea. Also, be sure to *install pip* and *set environment variables*. (As of March 22, 2019 the latest release is 3.7.2)
- Open a command prompt as administrator. Search for **cmd**, right click and **Run as administrator**.
- Navigate (using cd) to where Python is installed on your computer. For example “C:\Program Files\Python37”, or “C:\Users\username\AppData\Local\Python\Python37-32”.
- Check the version of python to make sure it is Python 3 **[python --version]**
- If you get an error saying *python* is not recognized as an internal or external command try using **py** instead of **python** for each of the following commands. If you get a similar error after trying **py --version** you need to reinstall python 3 making sure to select the “Environment Variables” option under the installer options.
- Update the pip installer **[python -m pip install --upgrade pip]**
- If you get an error saying *No module named pip*, then you need to re install python 3 making sure to install the pip module.
- Install PyGame with **[python -m pip install pygame]**
- Test by launching **[IDLE 3]** and doing an **import pygame**. If that doesn’t produce an error, you should be good to go.

OS X:

- Install **[brew]**, using **these instructions**. This is a package manager. It is capable of installing all sorts of programs.
- If you need Python 3 installed: **[brew install python3]**
- Link applications to Python3: **[brew linkapps python3]**
- Install Pygame Dependencies: **[brew install --with-python3 sdl sdl_image sdl_mixer sdl_ttf portmidi]**
- Install Pygame: **[pip3 install pygame]**

Ubuntu 16.04:

- **sudo apt-get install python3-pip**
- **sudo pip3 install pygame**