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 reinstall 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**