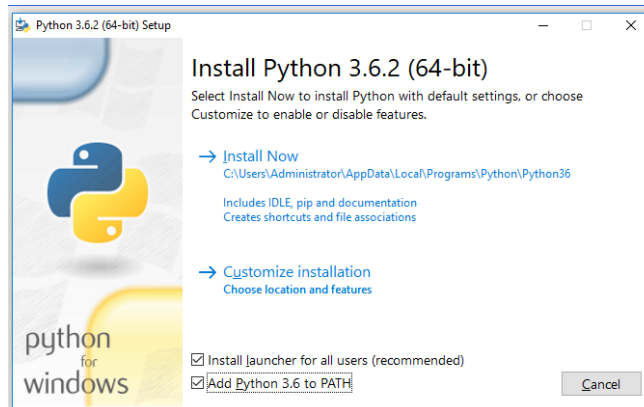


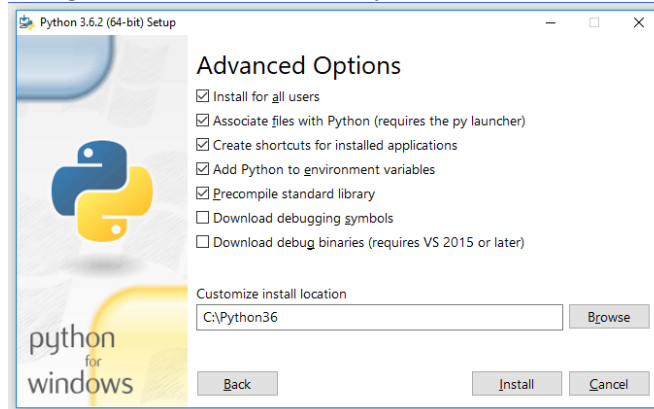
How to get the software needed for this course (Windows7/10)¹

1. Get Python

- a. Go to python.org
- b. Go to Downloads
- c. In the “looking for a specific version?” section, click the most recent 3.x python (3.6.2 at the time of writing)
- d. Under “Files”, choose either²:
 - i. Windows x86-64 web-based installer
 - ii. Windows x86 web-based installer
- e. When the program runs, make sure to modify these settings
 - i. Step1:
 1. enable “Add Python 3.6 to PATH”
 2. if asked here (or elsewhere) to remove windows limit to PATH, do it.
 3. click “Customize installation”



- ii. Step2: make sure everything is enabled
- iii. Step3:
 1. enable “Install for all users”
 2. change install location to “c:\Python36” (note the location you use)



2. Get Pygame

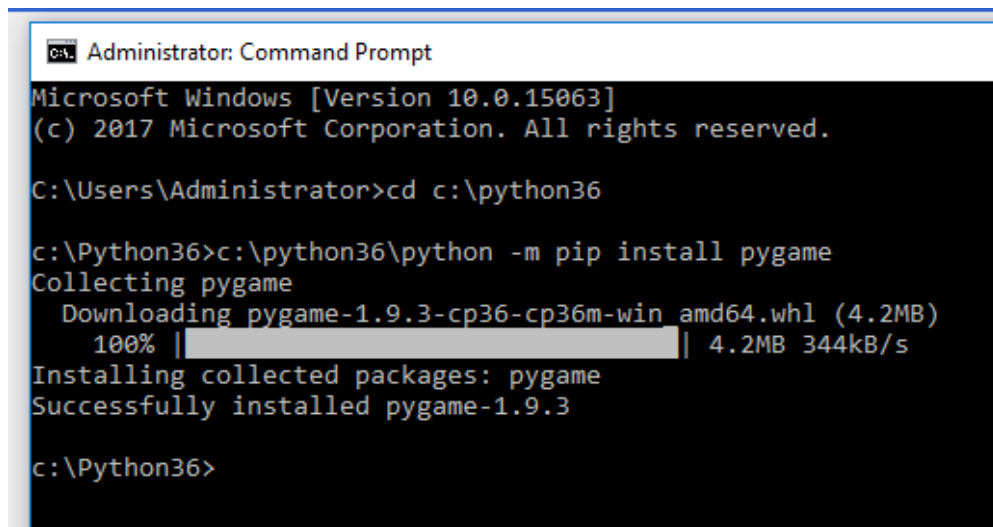
- a. Make sure your machine is connected to the internet
- b. Open a command prompt.
 - i. Windows7: Click the start menu (lower-left of screen), click Run and type “cmd”
 - ii. Windows10: Click the Cortana / Search button and type “cmd”

¹ If you have a Mac or Linux machine, let me know and I'll help you get things set up.

² If you have a 64-bit version of Windows (95% of you do), you can do either. If you aren't sure, get the second one.

- c. Type the following commands (hit Enter after each)

```
cd c:\python36
python -m pip install pygame
```



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.15063]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>cd c:\python36

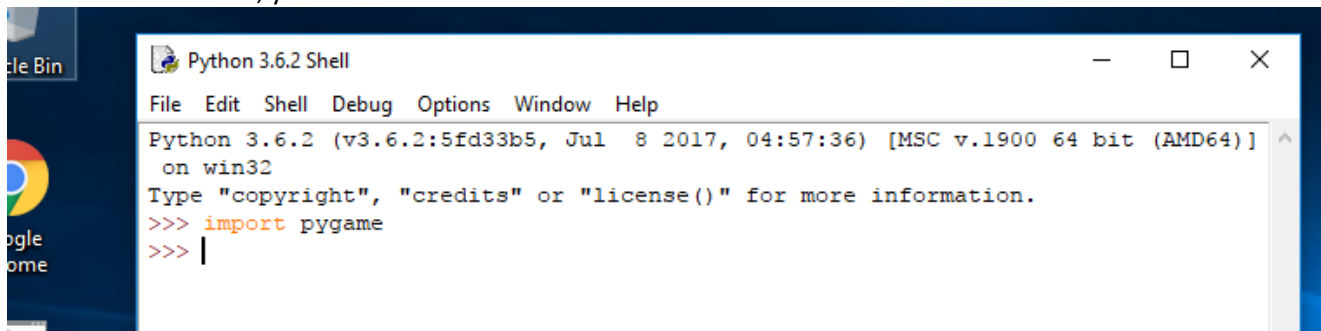
c:\Python36>c:\python36\python -m pip install pygame
Collecting pygame
  Downloading pygame-1.9.3-cp36-cp36m-win_amd64.whl (4.2MB)
    100% |#####| 4.2MB 344kB/s
Installing collected packages: pygame
Successfully installed pygame-1.9.3

c:\Python36>
```

3. Test installation

- Search for the Idle program, start it
- type

```
import pygame
```
- If there are no errors, you're all set!



```
Python 3.6.2 Shell
File Edit Shell Debug Options Window Help
Python 3.6.2 (v3.6.2:5fd33b5, Jul 8 2017, 04:57:36) [MSC v.1900 64 bit (AMD64)]
on win32
Type "copyright", "credits" or "license()" for more information.
>>> import pygame
>>> |
```

4. Get and IDE (optional, but recommended)

- Google Windows python IDE's if you wish...
- My personal preference is "Pycharm"
 - <https://www.jetbrains.com/pycharm/download/#section=windows>
 - Get the (free) Community Edition
- I'll show you how to use this program (and IDLE) in class.