What Is Needed

- A computer:
  - Running a newer version of MS-Windows (the newest version of Python won't work for older versions of the operating system such as Windows XP).
  - Mac OS X (be aware however that we don't have access to Mac computers so we can try to help you but you might have to trouble shoot problems on your own).
    - Example help link for getting set up:
      - https://docs.python-guide.org/starting/install3/osx/
- It's not recommended that you write your program on a phone.

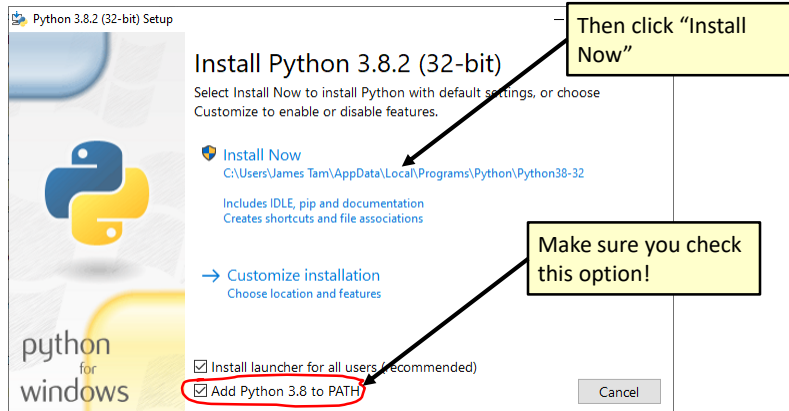<div align="right">James Tam</div>

Official Download Site

- A sub link of the official website for python: www.python.org
  - https://www.python.org/download
  - Version to get 3.X (as of spring 2021 it's 3.9.4)
    - **Assignments and the project must be submitted using version 3.X**
  - **DO NOT get python version 2.X** for this course(the differences will result in problems in your marker running your program)
    - These differences will result in your program not running (and you get no credit).
    - Example (not the only one)
      - Version 3.X: print("hello")
      - Version 2.X: print "hello"
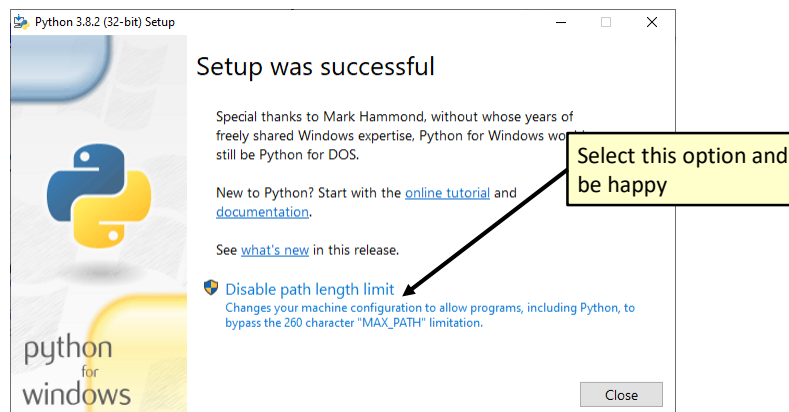
<div align="right">James Tam</div>

Installing Python

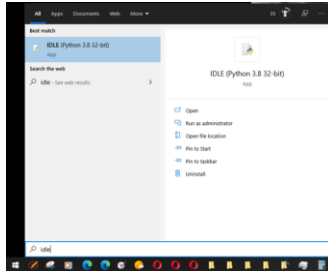- Getting Python (*get version 3.X* and not version *2.X*)
  - http://www.python.org/download/

Python 3.8.2 (32-bit) Setup

Install Python 3.8.2 (32-bit)

Select Install Now to install Python with default settings, or choose Customize to enable or disable features.

Then click "Install Now"

🛡 **Install Now**
C:\Users\James Tam\AppData\Local\Programs\Python\Python38-32

Includes IDLE, pip and documentation
Creates shortcuts and file associations

→ **Customize installation**
Choose location and features

Make sure you check this option!

python for windows

☑ Install launcher for all users (recommended)
☑ Add Python 3.8 to PATH

Cancel

James Tam

What To Do If You See This Popup During The Install

Python 3.8.2 (32-bit) Setup   — ☐ ✕

Setup was successful

Special thanks to Mark Hammond, without whose years of freely shared Windows expertise, Python for Windows would still be Python for DOS.

New to Python? Start with the online tutorial and documentation.

See what's new in this release.

🛡 **Disable path length limit**
Changes your machine configuration to allow programs, including Python, to bypass the 260 character "MAX_PATH" limitation.

Select this option and be happy

python for windows

Close

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Installing and accessing Python on your computer

How To Access Python

- Press the start button and type 'idle' (Windows)

  – One Apple resource for using IDLE:
    https://www.python.org/download/mac/tcltk/

What To Do After This…

- The specific details of creating Python programs is quite involved and will constitute the bulk of this course so…
- …for the exciting sequel you need to attend class ;-)