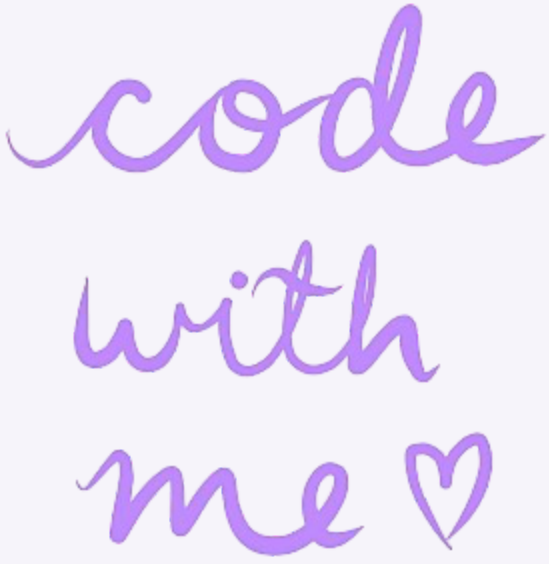
Code with Me
Meeting #2



SETTING UP PYTHON

INSTALLING PYTHON:

- Go to this link: https://www.python.org/downloads/
- You can also just google "Download Python", and it should be the first link.
- Click on the button that says "Download the latest version of Python". It should be the first button you see.
- When the download is finished, open up the installer. Click through all the steps, accept any terms and conditions, then click install.
- The installation may take a while, that's okay.

INSTALLING VISUAL STUDIO CODE:

- Here's the link: https://code.visualstudio.com/
- This should also show up in a quick google search.
- Once again, click on the big button that says "Download for Mac" or "Download for Windows", etc.
- Once the download is finished, open the file. Accept the terms and conditions.
- Select the location you want to download in. Probably desktop, which allows you to access it easily.
- Select "Register Code as an editor for supported file types" and "Add to PATH (requires shell restart)
- Now click through, then click install.

USING VISUAL STUDIO CODE:

- Once the installation is finished (both Python and Studio Code), open up Studio Code and start a new file.
- In this file, type the following: `print("Hello World")`
- Save this file as "hello.py"
    - For any Python file, you must save it with the .py extension.
- Now click Run and Debug. Select Python File. Studio Code may ask you to install a python extension. Allow it to install this extension.
- After this, it should run the program, and give the output: Hello World.

USING THE COMMAND PROMPT:

- You can verify that Python has been installed by typing in the command prompt: `py -3 --version` for Windows or `python3 --version` for Mac. Type these commands in the terminal.
- There are some other commands that are helpful:
    - To run a python file, just type `python3 file_name.py` for Mac and `py -3 file_name.py` for Windows.
    - To change directory, type `cd`
    - To go to the home directory, type `cd ..` (for Mac)
    - To see a list of all files in your directory, type `ls`

THE PRINT FUNCTION:

- We just wrote `print("Hello World")`
- The print function allows us to display output to the user.
- We can print any kinds of characters we want.
    - If we don't print numbers, they must be inside quotes
- Try it out!