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Python Assignment 9

Python Basics:

I/O (input & output)

Brought to you by



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Class Recap

I/O (input & output):

- allow user to interact with your program: give inputs and get results
- help you to debug your program (print values stored in variables at runtime)
- I/O are expensive in the sense that they can slow down your program tremendously if not used carefully

Input:

- Hard-coded (assign values to variables in your code)
- User input from console (get values from user in console)
- From a file (get values from a file)
- From GUI (desktop app)
- From browser (web app)
- From electronic devices (temperature sensor, camera, etc)

Output

- print() - print to console

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- Write to a file (save result to a file)
 - Simple GUI - tkinter package (display results in a window generated by code)
 - Web browser
 - Electronic devices (LED, LCD display, motors, etc.)

Assignment 1:

Ask users to input their names, then display "Hello, <user's name here>!"

Assignment 2:

Ask users to input two integers, then display the product of 2 integers.