Python Assignment 6

Python Basics:

Test (if-statement)

Brought to you by VEX Robotics Team - VRC 99909A Rising Phoenix

Class Recap

Python provides the following decision making structures:

https://www.w3schools.com/python/python_conditions.asp

- if … (else) : test for 2 possible parallel outcomes (else optional)
- If … elif … elif … (else): test for more than 2 parallel outcomes (else optional)
- Nested if-statement: test for outcomes that have branches

Indentation - Python relies on indentation (whitespace at the beginning of each line) to define scope in the code.

Assignment 1:

Include the following statement as the first line of code in your program to get user input from console:

a = int(input())

Write code that will display:

- Your first name if input is "1"
- Your last name if input is any other number

Assignment 2:
Include the following statement as the first line of code in your program to get user input from console:

a = int(input())

Write code that will display:
- Your first name if input is "1"
- Your last name if input is "2"
- "Hello World!" if input is any other number

Assignment 3:
Include the following statement as the first line of code in your program to get user input from console:

a = int(input())

Write code that will display:
- "Yes!" if input is "1" and your first name contain the letter "a"
- "No!" if input is "1" and your first name doesn't contain the letter "a"
- Your last name if input is any other number

Assignment 4 - CodingBat:
Review this first: https://codingbat.com/doc/python-if-boolean.html

Warmup-1 > sleep_in
https://codingbat.com/prob/p173401

Warmup-1 > makes10
https://codingbat.com/prob/p124984

Warmup-2 > front_times
https://codingbat.com/prob/p165097