TPOP PRACTICAL

FIRST PROGRAM & VARIABLES

PRACTICAL 1

Getting started:

Follow the steps in the Lecture notes 1 to print the bill depending on the number of cakes entered by the user.

Question 1:

Record what happens when you print an assignment statement:

>>> **print(**n = 7)

How about this?

>>> **print**(7 + 5)

Or this?

>>> **print** (5.2, "this", 4 - 2, "that", 5/2.0)

Can you think of a general rule for what can follow the print statement? What does the print statement return?

Question 2:

1. Take the sentence: *All work and no play makes Jack a dull boy.* Store each word in a separate variable, and then print out the sentence on one line using print.

2. Add parenthesis to the expression 6 * 1 - 2 to change its value from 4 to -6.

3. Place a comment before a line of code that previously worked, and record what happens when you rerun the program.

4. Start the Python interpreter and enter bruce + 4 at the prompt. This will give you an error:

    NameError: name 'bruce' **is not** defined

5. Assign a value to bruce so that bruce + 4 evaluates to 10.