MTH 2220
Homework Assignment #1
Due: February 1, 2016

Open the PYTHON shell:
    click Python 3.5
    Click (IDLE Python 3.5 32-bit)

It is very difficult, if not impossible, to edit your mistakes in this environment, so if you notice that you've made a mistake after you hit ENTER, don't try to correct it. Just rewrite the correct version of the expression at the next command prompt (>>>).

Don't worry about mistakes at this point. I'll understand.

To save your session, click the *File* menu and select *save as.* (Save the session under the name *<FirstnameLastname.py>* You can save your session periodically (under the same name). After you save your work, you will see that the cursor will not be at a command prompt. Hit ENTER, and the cursor will be at a command prompt.

OK, on with the assignment!

1. Write a print statement that prints the expression: "My name is <your name>"
2. Write assignment statements that assign integer values (your choice) to the variables x and y.
3. Write two print statements that print the values of x and y respectively.
    The output of the print statements should be of the form: x = <value of x>
                                                  y = <value of y>
4. Write two input statements that prompt the user to enter an integer value for x and y, respectively.
5. Enter the value of 3 for x and the value of 7 for y.
6. Write two print statements that print the values of x and y respectively.
    The output of the print statements should be of the form: x = 3
                                                  y = 7
7. Write a "for loop" that operates for the values of i = 0, 1, 2, 3
    The body of the loop should consist of the statement:
        print("the value of i = ", i)

        This should produce the output: the value of i = 0
                                     the value of i = 1
                                     the value of i = 2
                                     the value of i = 3

8. Set the variable *sum* equal to zero.
9. Write a "for loop" that computes the sum of the integers from 1 to 10

Save the workspace one last time. (Under the name *<FirstnameLastname.py>*)

Email the file *<FirstnameLastname.py>* to me at prossi@troy.edu