MTH 2220
Assignment #3
Due: March 7, 2016

Write a PYTHON program:
(See p. 3 of the PYTHON Command Syllabus: "Creating a PYTHON Program")

Save the program under the name: *firstnamelastname_assn3.py*

Immediately after saving the (unwritten) program, write the template of your program (as described on p. 2 of the PYTHON Command Syllabus "Template of a PYTHON Program") and save the program again. This should insure that you get the indentation correct. (The entire body of the program (between "def main ():" and "main ()") should be indented with respect to "def main ():" and "main ()")

Your template might look like this:

def main ():
    # This is <your name>'s program

main( )

Remark: If the indentation is not correct, your program will have syntax errors when you try to run it.

1.   Write an input statement to prompt the user to enter a natural number n less than or equal to 100.

2.   Use a "for loop" to compute the sum of the first n multiples of 4. (To test your program later on, if $n = 5$, the sum should be 60.)

3.   Print the value of the sum in the form:

    The sum of the first <value of n> multiples of 4 is <sum>

4.   Use a "for loop" to compute the product of the first n odd numbers. (To test your program later on, if $n = 5$, the product should be 945.)

5.   Print the value of the product in the form:

    The product of the first <value of n> odd numbers is <product>

6.   Save your program.

7.   To "run your program," click on the *Run* menu and select *Run Module.*

8.   E-mail the *.py file to me at prossi@troy.edu