Computer Science 1	Lab 03A 1-Day Minor Python Assignment
First Python Program *Public School Version*	**80, 90 & 100 Point Versions**

Assignment Purpose:

The purpose of this lab assignment is to demonstrate knowledge of creating and executing a simple Python program consisting of several **print** statements.

This is your first Python lab assignment. You are not yet expected to figure out any complicated program logic. Your mission is to demonstrate that you can use an *Integrated Development Environment* (IDE) to enter the *source code* and then *execute* the finished program.

You will be shown 3 different Sample Executions. The first is for the simple 80-point version; the second is for the more challenging 90-point version; and the third is for the even more challenging 100-point version. For this assignment, there is no complicated program logic. That will come later. For now, you are simply using **print** commands to generate the expected output. It is strongly recommended that you start with the simplest point version and work your way up from there.

When you are finished, your instructor will grade your assignment. Start by displaying the execution on the monitor, which shows that the program displays the required output correctly.

You are provided with a starting file called **Lab03Ast.py** in the **Lab03A-FirstPythonProgram** folder.

```
1  # Lab03Ast.py
2  # "The First Python Program"
3  # This is the student, starting version of Lab 03A
4
5
```

NOTE: The "**st**" in the file name means this is the **st**udent, **st**arting file.
ALSO: Python programs do not have line numbers. They are added by the IDE.

Student Starting Version Output

If you execute the provided program, you will see the output is blank. The only output visible is provided by the **jGRASP** IDE to mark the beginning and end of the program output. In this output, you can see that there is nothing in-between.

```
    ----jGRASP exec: python Lab3Ast.py

    ----jGRASP: operation complete.
▶▶
```

80 Point Version Specifics and Output

For 80 points, you need to add several **print** commands to generate the output below:

```
   ----jGRASP exec: python Lab3Av80-Public.py


   *****************************************
   Lab 03A, The First Python Program
   80 Point Version
   By: JOHN SMITH
   *****************************************


   Measure today's understanding by yesterday's confusion.


   Bewilderment + Exposure = Obvious


   A poet I'm not
   Don't claim to be
   But what I wrote
   Did come from me.


    ----jGRASP: operation complete.
▶▶
```

Keep the following in mind:

- The heading needs to show your name, not **John Smith** (unless that actually is your name).
- Your program heading needs to show the point version you have finished.
- After your instructor has seen the execution, show the source code file.

90 Point Version Specifics and Output

For the **90-point** version you need to add more **print** statements to display the *ASCII Dog at* the end of the output.

```
  ----jGRASP exec: python Lab3Av90-Public.py

  *****************************************
  Lab 03A, The First Python Program
  90 Point Version
  By: JOHN SMITH
  *****************************************

  Measure today's understanding by yesterday's confusion.

  Bewilderment + Exposure = Obvious

  A poet I'm not
  Don't claim to be
  But what I wrote
  Did come from me.


  +---------------+
  | +-+  @ @  +-+ |
  | | | ( ^ ) | | |
  +-+ +---U---+ +-+

   ----jGRASP: operation complete.
```

100 Point Version Specifics and Output

For the **100-point** version you need to add even more **print** statements so that "**100 POINTS**" is displayed in the exact manner shown below.
NOTE: Do NOT use the <TAB> key inside "quotes". It will mess up your output!

```
    ----jGRASP exec: python Lab3Av100-Public.py


    ******************************************
    Lab 03A, The First Python Program
    100 Point Version
    By: JOHN SMITH
    ******************************************


    Measure today's understanding by yesterday's confusion.


    Bewilderment + Exposure = Obvious


    A poet I'm not
    Don't claim to be
    But what I wrote
    Did come from me.


    +---------------+
    | +-+  @ @  +-+ |
    | | | ( ^ ) | | |
    +-+ +---U---+ +-+



    #   ###   ###     #####  ###  # #   # ##### #####
    # #  # #   #     #    # #  # # # # ##  #   #   #
    # #  # #   #     ##### #   # # # # # #   #   #####
    # #  # #   #     #     #   # # # # ##   #       #
    #   ###   ###     #     ### # #  #   #   #####

    ----jGRASP: operation complete.
```