Python HW #1

# Name: Dereck Helms

1. Which of the following are legitimate Python variables or identifiers? **Bold** your answer.

**martinBradley** **C3P\_OH** **Amy3** 3Right **Print**

2. What is the output to the console window from the following fragment of Python code?

myVariable = 65

myVariable = 65.0

myVariable = “Sixty Five”

print(myVariable)

**SyntaxError: EOF while scanning triple-quoted string literal.**

This error code represents that there were three identical variables all different outputs; therefore, the code did not know which one to print.

3. What is the value of *Average* after the following statements are executed?

Total = 277

Number = 5

Average = Total/Number

Value of *Average* = **55.4**

Code which worked:

Total = 277

Number = 5

Average = Total/Number

print(Average)

4. Write two Python statements to create a variable called quantity1 with initial value 5 and another variable called quantity2 **that uses a method** to convert the value of quantity1 to a floating number.

quantity1=5

quantity2= float(quantity1)

print(quantity2)

**5.0**

5. Write Python statements to compute the average of three integer quiz grades for a single student, whose name is John Smith. Decide what variables your program needs, create them with appropriate initial values, compute the average score, and print out the student’s name and the average score value.

John Smith’s Quiz Average= 48.333333333333336

Code is below for Quiz Average

quiz1 = 68

quiz2 = 32

quiz3 = 45

Average = ((quiz1+quiz2+quiz3)/3)

print(Average)

6. For the below Python statements, replace the “**?**” with the appropriate character AND write out what is printed to the console window?

Name = “Sally Thomas”

Age = 22

ShoeSize = 7.5

print(“My name is **%s** and I am **%d** years old and my shoe size is **%f**” % (Name, Age, ShoeSize))

**My name is Sally Thomas and I am 22 years old and my shoe size is 7.500000**

7. Fix the below Python statement such that it does not give an error from the interpreter.

print(‘That dog doesn’t play much’)

input: **print("That dog doesn’t play much")**

output: **That dog doesn’t play much**