CSC 104 ASSIGNMENT

SECTION 1

These questions are to be answered in a Microsoft document file (.docx).

1. Mention 12 uses or application of Python programming and which is your favorite use?

Ans:

a: Artificial intelligence and machine learning.

b: Web development.

c: Desktop graphical user interface.

d: Game development.

e: Software development.

f: Scientific and numeric applications.

g: Web scraping application.

h: Business application.

i: Language development.

j: Education programs and training courses.

k: Operating system.

l: Image processing and graphic application.

1. What keyword tells Python to display something on the screen?

Ans : Print

1. Complete the line of code to tell Python to display the name of the oval object laid by a hen. (1 word, lower-case).

Print\_\_\_\_\_\_\_\_\_\_\_\_\_

Ans : ("egg")

1. Because of the quotation marks, Python identifies the greeting

"Hello, World!" as a -----(1 word, lowercase).

ans : string.

1. Because there are no quotation marks, Python identifies the set of characters below as a \_\_\_\_\_\_\_.

computer\_science

ans: variable.

1. Type the illegal character in the variable name below.

2nd\_runner\_up.

Ans: 2.

1. What is the value of total?

number = 10

total = number + 2

Ans : 12.

1. Rewrite this so total equals 10.

total = "4" + 6

Ans : total=4+6.

1. What is the value of third\_number?

first\_number = 5

second\_number = 6

third\_number = first\_number \* second\_number

ans : 30.

1. Type the illegal character in this variable name:

fourth-Player

ans : -

1. Rewrite below variable name using the recommended style:

Customerlastname

ans : Customer\_last\_name.

1. Code the shorthand version of the following statement:

total = total + 5

Ans : total+=5.

1. Type the modulo operator

ans : %

1. What is the value of total\_cost?

total\_cost = 1 + (3 \* 4)

Ans : 13.

SECTION 2

These questions are to be answered in a python file (.py).

1. Write a short Python code to display the name of your name & department
2. Assign the string "Boo!" to the variable scare and print the variable.
3. Add two variables and assign the result to a third variable. print all the variable names.
4. Divide 12 by the decimal .5 and assign the result to the variable outcome and print the variable
5. Assign the sum of two numbers to a variable and print the variable.
6. Write the code that finds the remainder when 8 is divided by 3
7. Rewrite the following statement to force this order: First, multiply 2 by 4. Then add 4 and 2. Then multiply the first result by the second result. Print the result.

x = 2 \* 4 \* 4 + 2