**Topic: Strings**

**CS 150 Introduction To CS**

**Python - Worksheet 06**

**Ahmad M. Osman**

In Exercises 1 – 12, determine the output of the print statement, given the assignment statement. Show the output in the box provided. (1 pt each)

course = “CS 150 Python” **OUTPUT for 1-6**

5

150 Py

3

-1

3

13

1. print(course[4])
2. print(course[3:9])
3. print(course.find("150"))
4. print("colonel".find("k"))
5. print("Knickknack".count('k'))
6. print(len(course))

**OUTPUT for 7-12**

-1

BRRR

The Artist

7

7

2

1. print("Luther".rfind("k"))
2. print("brrr".upper())
3. print("the artist".title())
4. print(len("Gravity ".rstrip()))
5. print("let it go".title().find('G'))
6. print("Amazon".lower().count('a'))
7. Determine the output displayed by the code segments (4 pts) **OUTPUT**

12

MUNICIPALITY

city

6

a = 4

b = 6

c = "Municipality"

d = "pal"

print(len(c))

print(c.upper())

print(c[a:b] + c[b + 4:])

print(c.find(d))

1. Write a print statement that will print the last character stored in a string variable str1. (1 pt)

str1 = "Ahmad M. Osman"

print(str1[-1])

**Debugging**: Find the error(s) in each of the following segments of code. Rewrite the code correctly in the text box provided.

1. Find the error(s)

phoneNumber = 234-5678

print("My phone number is " + phoneNumber)

phoneNumber = "234-5678"

print("My phone number is " + phoneNumber)

1. Find the error(s)

for = "happily ever after."

print("They lived " + for)

str1 = "happily ever after."

print("They lived " + str1)

1. Find the error(s)

print("Python".Upper())

print("Python".upper())

1. Find the error(s) – Output should be George ‘Babe’ Ruth

print("George "Babe" Ruth")

print("George 'Babe' Ruth")