# Introduction to Computer Science and Programming 1

### Quiz 3

(Chapter 5)

**Note:** This document has been designed and developed as part of an initiative for creating an OER (Open Education Resource) package for the course CSCI 120 at Columbia College.

Please contact [Alireza.davoodi@gmail.com](mailto:Alireza.davoodi@gmail.com) for any comment, modification, and questions.

**Terms of use:** Please feel free to customize this document as needed

Last Modified: May 2022

# Requirements

* Duration 15 min.
* This is an individual quiz.
* Please do not talk to each other.
* The order of the questions might be different for each students.
* Enter your answer in the answer sheet given to you.

# Problem1

Which one looks like a correct function call?

1. a = 5
2. a = a+5
3. if a==10: a = a-5
4. print(a)

# Problem2

Which function is possibly a correct function call for the following black box image?

func

5

8me

name

word

1. func(5,8,name,word)
2. func(5,8,name)
3. func(word)
4. func()

# Problem3

Which option shows a correct function definition for the following image:

func

5

8me

name

word

def func(5,8,name):

def func(num1, num2, name, word):

def func(num1, num2, name): word

def func(num1, num2, name)

# Problem4

Which function call is going to generate the same result similar to the following snippet of code:

a = 5

b = 6

result = func (a,b)

print(result)

1. print(func(5,6))
2. print(func(a=5,b=6))
3. print(result= func(5,6))
4. None of them

# Problem5

Which option is a Python implementation of the following digram?

5

8me

name

func1

word

func2

4

1. func1(5,8,name)+func2(word)
2. func1(func2(5,8,name),4)
3. word = func2(func1(5,8,name))
4. func2(func1(5,8,name)

### Which Of The Following Statements could be the body of the function shown below?

def f(number):

# Missing function body

print(f(5))

**A.** return “number”  
**B.** print(number)  
**C.** print(“number”)  
**D.** return number

# Problem2

### What Is The Output Of The Following Code Snippet?

def myfunc(text, num):

while num > 0:

print(text)

num = num - 1

myfunc('Hello', 4)

**A.** HelloHelloHelloHelloHello  
**B.** HelloHelloHelloHello  
**C.** invalid call  
**D.** infinite loop

# Problem3

What Is The Output Of The Following Code Snippet?

def func(x = 1, y = 2):

x = x + y

y += 1

print(x, y)

func(2, 1)

**A.** 1 3  
**B.** 2 3  
**C.** The program has a runtime error because x and y are not defined.  
**D.** 3 2

# Problem4

How many compile or runtime error you can see in the this code

def main():

x = 5

y = 6

res = func(x,y)

print(func(x,y))

def func(y, x):

x = y\*x

y = x\*y

print(x, y)

main()

**A.** 1  
**B.** 2  
**C.** 3

**D.** 4

# Problem5

### What Is The Output Of The Following Code Snippet?

num = 1

def func(num):

num = num + 3

print(num)

return num

func(num)

print(num)

**A.** 1 4  
**B.** 4 1  
**C.** 4 4

**E.** Error

**Good Luck ☺**