



Columbia College
Vancouver, Canada

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.

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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.

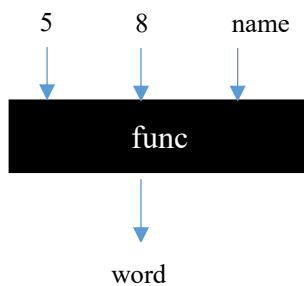
Problem1

Which one looks like a correct function call?

- A- `a = 5`
- B- `a = a+5`
- C- `if a==10: a = a-5`
- D- `print(a)`

Problem2

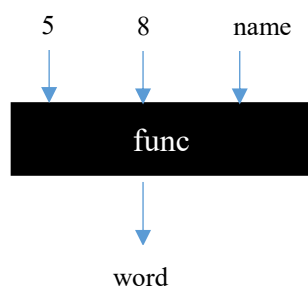
Which function is possibly a correct function call for the following black box image?



- 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:





```
def func(5,8,name):  
def func(num1, num2, name, word):  
def func(num1, num2, name): word  
def func(num1, num2, name)
```

Problem4

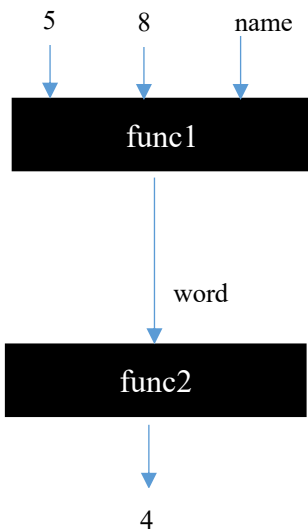
Which function call is going to generate the same result similar to the following snippet of code:

```
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?



- 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 ☺