Review Test Submission: Quiz 5

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Course	CS021A QR:Cptr Prog I: Python (Gold)
Test	Quiz 5
Started	9/26/21 11:52 PM
Submitted	9/26/21 11:59 PM
Due Date	9/27/21 3:30 PM
Status	Completed
Attempt Score	6 out of 10 points
Time Elapsed	7 minutes

Question 1

1 out of 1 points

Which of the following are a benefit of using functions in your program?

Question 2

0 out of 1 points

After reaching the end of a function, where in the code will control return in order to continue with the program?

Question 3

0 out of 1 points

Consider the following Python script

```
def my_function(num1, num2):
    answer = (num1 + num2) * (num1 - num2)
    print("The answer is:", answer)

x = 42
my_function(x, 37)
```

← OK

Which of the following are *parameters* of `my_function`?

Question 4

0 out of 1 points

Consider the following Python script

```
def my_function(num1, num2):
    answer = (num1 + num2) * (num1 - num2)
    print("The answer is:", answer)
x = 42
my_function(x, 37)
```

Which of the following are *arguments* of `my_function`?

Question 5

1 out of 1 points

Consider the following code:

```
def add_and_print(num1):
   num1 = num1 + 1
   print(num1)


num1 = 17
num2 = 42
add_and_print(num2)
print(num1)
print(num2)
```

What will be printed first? **[A]**

What will be printed second? **[B]**

What will be printed third? **[C]**

Question 6

1 out of 1 points

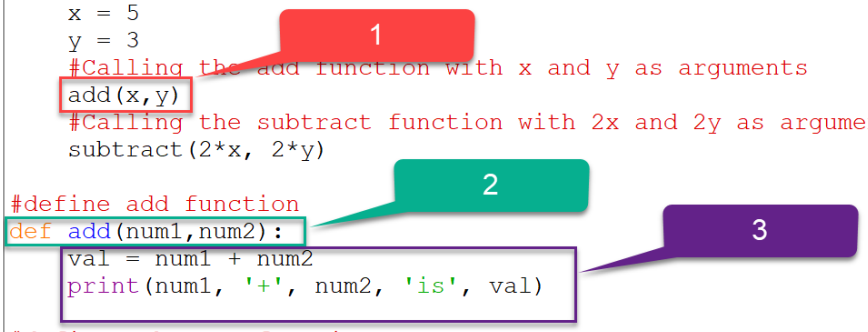
```
#Author: CS021 Instructor
#Introduction to arguments and parameters

#define main function
def main():
    x = 5
    y = 3
    #Calling the add function with x and y as arguments
    add(x,y)
    #Calling the subtract function with 2x and 2y as arguments
    subtract(2*x, 2*y)

#define add function
def add(num1,num2):
    val = num1 + num2
    print(num1, '+', num2, 'is', val)

#define subtract function
def subtract(num1,num2):
    val = num1 - num2
    print(num1, '-', num2, 'is', val)

#calling the main function
main()
```



According to your understanding, pick the best term that represents the blocks highlighted in the picture

1. **[1]**
2. **[2]**
3. **[3]**

Question 7

1 out of 1 points

```
#Author: CS021 Instructor
#Introduction to local variables
#Global variables - DO NOT USE THEM
num1 = 5
num2 = 3

#define main function
def main():
    #Calling the add function
    add()
    #Calling the subtract function
    subtract()

#define add function
def add():
    num1 = 7
    val = num1 + num2
    print(num1, '+', num2, 'is', val)

#define subtract function
def subtract():
    val = num1 - num2
    print(num1, '-', num2, 'is', val)

#calling the main function
main()
```

What is the output of this program

Question 8

0 out of 1 points

```
#Author: CS021 Instructor
#Introduction to local variables
#Global variables - DO NOT USE THEM
num1 = 5
num2 = 3

#define main function
def main():
    #Calling the add function
    add()
    #Calling the subtract function
    subtract()

#define add function
def add():
    global num1
    num1 = 7
    val = num1 + num2
    print(num1, '+', num2, 'is', val)

#define subtract function
def subtract():
    val = num1 - num2
    print(num1, '-', num2, 'is', val)

#calling the main function
main()
```

What is the output of this program

Question 9

1 out of 1 points

Which of the following are reasons why we would want to avoid using global variables?

Question 10

1 out of 1 points

Which of these entities can be updated/re-assigned inside a funtion

Sunday, September 26, 2021 11:59:59 PM EDT