Columbia College
Vancouver, Canada

CSCI120 - Introduction to Computer Science and Programming 1

Quiz 2

(Chapters 3-4)

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

- What is the result of the following code:

```
number = 12
while number == 12:
    print(number, end="")
    number = number + 5
```

a) 12 7 2
b) 7 2
c) 12
d) None of the above

Problem2

- What is the result of the following code if the user enter "python"

```
password = input("Enter your password \n")
while password != "python":
    print("Try again!")
    password = input()
print("Welcome")
```

a) Welcome
b) Try again!
c) Enter your password
d) Some error will happen

Problem3

- In the following code how many times it is going to print Koinonia? (if the user enters 15, as shown)

```
Code
1    goal = int(input())
2
3    for lp in range(0, goal, 3):
4        print("Koinonia")
```

```
Input
1  15
2
```

a) 15
b) 3
c) 6
d) 5

Problem4

- What is printed on the screen by the code below:

```
t = 0
for i in range(1, 3):
    for j in range(3, 5):
        if j % i == 0:
            t += 1
print(t)
```

a) 0
b) 1
c) 2
d) 3

Problem5

- Which code will print the following output?

```
1
22
333
4444
55555
```

a) for i in range(1, 5):
   print(str(i) * 5)
b) for i in range(1, 5):
   print("i" * i)
c) for i in range(1, 6):
   print("i" * i)
d) for i in range(1, 6):
   print(str(i) * i)

Problem6

- What is the result of the following code?

```python
chem_grade = 80
math_grade = 94
engl_grade = 76

if chem_grade >= 80 and engl_grade > 80:
    print("Success")
elif math_grade >= 90:
    print("Part way there!")
else:
    print("Failure")
```

a) Success
b) Failure
c) Part way there!
d) No output will be printed

Problem7

- Which of the following inputs will lead to no output to be printed for the following code:

```
age = input("Enter your age: ")
birth_month = input("Enter your birth month (1-12: ")

if birth_month == 9 and age == 17:
    print("You're almost an adult!")
elif birth_month < 8 and age < 18:
    print("One year closer")
elif birth_month > 9 and age == 17:
    print("A few more months")
```

a) age is 17 and birth_month is 8
b) age is 16 and birth_month is 7
c) age is 17 and birth_month is 10
d) age is 12 and birth_month is 4

Good Luck ☺