

# Python Beginner Homework 2

In the following multiple choice questions, please circle the correct output of Python code.

1. for num in range(1,5,2):  
    print(num)  
(a) 1 2 3    ☒ (b) 1 3 5    (c) 0 1 2 3    ☒ (d) 1 3    ~~(e) 3 2 1 0 -1~~
2. for num1 in range(1,4,1):    1, 2, 3, 4    1, 1, 2, 1, 3,  
    for num2 in range(0,num1,1):  
        print(num2)  
(a) 1 2 3 1 2 3    ☒ (b) 1 1 2 1 2 3    (c) 1 2 1 2 1 2    (d) 0 1 2 3 4    ☒ (e) 0 0 1 0 1 2
3. for num1 in range(0,3):    0, 1, 2, 3  
    for num2 in range(3, 1, -1):  
        print(num2)  
(a) 1 2 3 1 2 3    ☒ (b) 3 2 3 2 3 2    (c) 3 2 1 3 2 1    (d) 2 3 2 3 2 3    (e) 2 2 3 3
4. for num1 in range(0,5,2):  
    for num2 in range(num1, 4):    0, 1, 2, 3, 2, 3, 1  
        print(num2)  
(a) 0 1 2 1 2 3    (b) 1 2 3 2 3 4    (c) 0 2 4 2 4    ☒ (d) 0 1 2 3 2 3    (e) 0 2 4 2 4
5. for num1 in range(0,3,1):    0, 1, 2  
    for num2 in range(num1, 3, 1):    0, 1, 2, 1, 2, 3, 4  
        print(num1+num2))  
☒ (a) 0 1 2 2 3 4    (b) 1 2 3 2 3 4    (c) 0 1 2 1 2 3    (d) 0 1 2 0 1 2    (e) 0 1 2 0 2 4
6. count=0  
    for i in range(0,4):    0 1 2 3  
        for j in range(i,5):    0, 1, 2, 3, 4, 1, 2, 3, 4, 2, 3, 4, 3, 4  
            count=count+1  
    print(count))  
(a) 10    (b) 12    ☒ (c) 14    (d) 16    (e) 18

Coding question 1: Print out

999999999

888888888

7777777

666666

55555

4444

333

22

1

Coding question 2: print out

987654321

87654321

7654321

654321

54321

4321

321

21

1