



Quiz : PCEP FINAL EXAM

Date : Tue Jul 18 2023 4:56 PM

Student : Derrick (Derrick)

Accuracy

73%

Total Questions

60

✓ Correct

43

× Incorrect

16

✓ Partially Correct

1

No.	Question	Time	Points	Response
1	What will the output be after executing the following code snippet?	83	1	✓ 9
2	What will the output be, if we run the following code?	106	0	✗ Monday, Tuesday, Wednesday, Thursday
3	How many times will it print "#"?	63	1	✓ 3
4	What is the output of this code when "robert" is entered by the user when prompted?	71	1	✓ False
5	What would be printed to the console after the following code is executed?	53	1	✓ Hello, World
6	What will the output be after executing the following code?	19	0	✗ (Python, Tuple)
7	What is the output when the following code snippet is run:	113	0	✗ Error
8	What will the output be after executing the following code?	127	0	✗ [0, 1, 2, 3, 4, 5]
9	What will the output be after executing the following code?	34	0	✗ dict({'Python', 'Dictionaries'})
10	What is the output of this code after the user inputs "Python" when prompted?	70	1	✓ PythonPythonPython
11	What will the output be after running the following code?	113	1	✓ [0, 1, 2, 3, 4, 6]
12	What will the output be, if we execute the following code?	63	1	✓ {'Name': 'Python', 1: [1, 2, 3, 4], 2: 'hi'}
13	What will the output be, if we run the following code?	275	0	✗ 0 1 1 1 0 0 1 0
14	What will the output be after executing the following code?	15	1	✓ Hello Python!
15	What will the output be after running the following code snippet?	41	1	✓ Robert Method Karamagi
16	What will the output be after calling the following function?	56	0	✗ 6 5
17	What will the output be after running the following code snippet?	85	1	✓ False

No.	Question	Time	Points	Response
19	What will the output be after executing the following code snippet?	77	1	✓ 3
20	What will the output be, if we run the following code?	42	1	✓ {1:"One", 2:"One"}
21	What will the output be after running the following code?	67	1	✓ [7, 6, 5, 4, 3, 2, 1]
22	What is the output of this code when 'wi' and 'fi' are entered by the user when prompted and stored in a and b, respectively?	19	0	✗ wifiwifiwifi
23	What will the output be after executing the following code?	48	1	✓ Hello#World#Python
24	What is the output of the following code?	57	1	✓ 1
25	What is the output of the following code?	27	0	✗ <class 'int'>
26	What will the output be after running the following code?	20	1	✓ odd
27	What will the output be after running the following code?	69	1	✓ 5 10
28	What will the output be after running the following code?	66	1	✓ 5 1
29	Will the following code run without errors?	74	1	✓ This code will run without errors.
30	What is the output after executing the following code?	137	1	✓ Oranges Mangoes
31	A binary code consists of:	7	1	✓ a sequence of bits which encodes machine instructions
32	To run the code given as a source file whose name has the .py extension you need to have:	61	1	✓ a Python interpreter
33	velocity = (a) _____ (b) _____ (c) _____ (d) _____ (e) _____	41	1	✓ (a) float ✓ (b) (✓ (c) input ✓ (d) ("Enter speed in knots: ") ✓ (e))
34	Match the following data types:	40	0.5	✓ Integer → -1_999 ✓ String → " 100 " ✓ Float → 2.14187

No.	Question	Time	Points	Response
				<div> <div>✖ Boolean → False</div> </div>
35	Arrange the following arithmetic operators in order which reflects their priorities , where the first one has the highest priority and last has the lowest priority.	18	1	<div> <div>✓ Parentheses</div> <div>✓ Exponents</div> <div>✓ Division</div> <div>✓ Subtraction</div> </div>
36	(a) _____ (b) _____ (c) _____ (d) _____ (e) _____ _____	114	1	<div> <div>✓ (a) if</div> <div>✓ (b) tax_rate</div> <div>✓ (c) <</div> <div>✓ (d) 23.5</div> <div>✓ (e) :</div> </div>
37	Drag and drop the conditional expressions to obtain a code which outputs ### to the screen. shift = 5 - 4 * 2 if shift > 0: print("#") elif (a) _____ : print("##") elif (b) _____ : print("###")	165	1	<div> <div>✓ (a) shift == 0</div> <div>✓ (b) shift < 0</div> </div>
38	(a) _____ (b) _____ (c) _____ (d) _____ (e) _____ _____	150	1	<div> <div>✓ (a) for</div> <div>✓ (b) number in</div> <div>✓ (c) range(</div> <div>✓ (d) -3,</div> <div>✓ (e) 0, 1):</div> </div>
39		140	0	<div> <div>✖ numbers[numbers[0]]</div> <div>✖ numbers[numbers[1]]</div> <div>✖ numbers[0:4]</div> </div>
40		244	0	<div> <div>✖ -2 in the_data[2:4]</div> </div>
41		110	1	<div> <div>✓ FlyingScotsmanTGVShinkansen</div> </div>
42	What will be the output of this program if the user enters "Han" and then "Solo"?	25	1	<div> <div>✓ Han Solo</div> </div>
43	Which of the following best describes the order in which these lines are processed in Python?	28	0	<div> <div>✖ 1, 2, 3, 4</div> </div>
44	Division by zero is an example of what type of error?	7	0	<div> <div>✖ Syntax Error</div> </div>
45	Improper indentation is an example of what type of error?	4	1	<div> <div>✓ Syntax Error</div> </div>

No.	Question	Time	Points	Response
46	What type of error is this?	116	1	✓ logical
47	A complete set of commands is known as:	12	0	✗ Command list
48	What is IDLE?	13	1	✓ An acronym that stands for Integrated Development and Learning Environment for python
49	What do you call a tool that lets you launch your code step-by-step and inspect it at each moment of execution?	9	1	✓ A debugger
50	Python is an example of:	11	1	✓ a high-level programming
51	What are the main difference between tuples and list?	8	1	✓ Tuples have () and list have [] ✓ tuples cannot be changed and list can be changed
52	Which of the following is true about Dictionaries?	8	1	✓ Consist of key-value pairs
53	What is the key difference between list and tuples?	13	1	✓ List are able to change elements and size where tuples are not.
54	Which is the correct way to declare 3 variables, 'a' , 'b', 'c' to 1?	49	0	✗ a,b,c = 1
55	Evaluate the following expression in Python? 24 // 4 // 4	12	1	✓ 1
56	Evaluate the following arithmetic expression in Python ? 2 ** 2 ** 3	33	0	✗ 64
57	56.867	5	1	✓ Float
58	"89 / 90"	33	1	✓ String
59	Which of the following best describes the concept of "scope" in Python?	28	1	✓ The area of a program where a variable is defined and can be accessed.
60	How is a try and catch used in python?	8	1	It is used to check if a snippet of code has an error and if it does ✓ it allows us to handle the error

No.	Question	Time	Points	Response
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without terminating the
program

Appendix - Images

1.

```
print(9 ** 3 ** 0 ** 1)
```

What will the output be after executing the following code snippet?

2.

```
weekdays = ("Monday", "Tuesday", "Wednesday", "Thursday")
weekdays.append("Friday")
print(weekdays)
```

What will the output be, if we run the following code?

3.

```
x = 10
if x!=10:
    print("#")
    if x<8:
        print("#")
    elif x==10:
        print("#")
    else:
        print("#")
else:
    print("#"*3)
```

How many times will it print "#"?

4.

```
name = input()
print(name == " Robert ")
```

What is the output of this code when "robert" is entered by the user when prompted?

5.

```
i=0
while i < 1:
    print('Hello', end=", ")
    i += 1
else:
    print("World")
```

What would be printed to the console after the following code is executed?

6.

```
Tupl = ['Python', 'Tuple']
print(tuple(Tupl))
```

What will the output be after executing the following code?

7.

```
milk_left = "None"
if milk_left:
    print("Groceries trip pending!")
else:
    print("Let's enjoy a bowl of cereals")
```

What is the output when the following code snippet is run:

8.

```
def put(x):
    return [6]

val = [0, 1, 2, 3, 4, 5]
y = put(val);
print(y)
```

What will the output be after executing the following code?

9.

```
Dict = dict({1: 'Python', 2: 'Dictionaries'})
print(Dict)
```

What will the output be after executing the following code?

10.

```
word = input()
print(word*3)
```

What is the output of this code after the user inputs "Python" when prompted?

11.

```
def put(x):  
    x[-1] = 6  
  
val = [0, 1, 2, 3, 4, 5]  
put(val);  
print(val)
```

 What will the output be after running the following code?
12.

```
Dict = {'Name': 'Python', 1: [1, 2, 3, 4], 2: 'hi'}  
print(Dict)
```

 What will the output be, if we execute the following code?
13.

```
lst1 = [0,1]  
lst2 = [1,0]  
for x in lst1:  
    for y in lst2:  
        print(x,y)
```

 What will the output be, if we run the following code?
14.

```
print("Hello","\nPython!")
```

 What will the output be after executing the following code?
15.

```
full_name = "robert method karamagi"  
print(full_name.title())
```

 What will the output be after running the following code snippet?
16.

```
def sum(a,b):  
    return a * b  
    return a + b  
  
print(sum(2,3))
```

 What will the output be after calling the following function?
17.

```
age = 19  
print(not age > 18 and age < 20)
```

 What will the output be after running the following code snippet?
18.

```
for num in range(1, 10, 2):  
    print(num, end = ",")
```

 What would be printed to the console after the following code is executed?
19.

```
programming_language = "Python 3"  
print (programming_language[-1])
```

 What will the output be after executing the following code snippet?
20.

```
dict1 = {1:"One", 2:"Two"}  
dict1[2] = "One"  
print(dict1)
```

 What will the output be, if we run the following code?
21.

```
nums = [1, 2, 3, 4, 5, 6, 7]  
print(nums[::-1])
```

 What will the output be after running the following code?
22.

```
a = input()  
b = input()  
print(a + b * 3)
```

 What is the output of this code when prompted and when 'wi' and 'fi' are entered by the user stored in a and b, respectively?
23.

```
print("Hello","World","Python", sep="#")
```

 What will the output be after executing the following code?
24.

```
print (5//4)
```

 What is the output of the following code?

25.

```
num = 4,  
print(type(num))
```

What is the output of the following code?

26.

```
def oddoreven(num):  
    if (num % 2 == 0):  
        print('even')  
    else:  
        print("odd")  
  
oddoreven(13)
```

What will the output be after running the following code?

27.

```
def swap(x, y):  
    z = x;  
    x = y;  
    y = z;  
  
x = 5  
y = 10  
swap(x, y)  
print(x , y)
```

What will the output be after running the following code?

28.

```
def default(x, y=5):  
    print(y, x)  
  
default(1)
```

What will the output be after running the following code?

29.

```
tup1 = (1,3,5)  
tup2 = (2,4)  
tup1 = tup1+tup2  
print(tup1)
```

Will the following code run without errors?


30.

```
fruits = ["Apples", "Oranges", "Mangoes"]  
for fruit in fruits:  
    if fruit != "Apples":  
        print(fruit, end=" ")
```

What is the output after executing the following code?

33. 

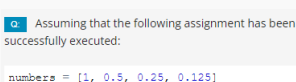
velocity = (a) _____ (b) _____ (c) _____ (d) _____
(e) _____

36. 

(a) _____ (b) _____ (c) _____ (d) _____ (e) _____

38. 

(a) _____ (b) _____ (c) _____ (d) _____ (e) _____

39. 

40.

Q Assuming that the following assignment has been successfully executed:

```
the_data = [True, 3.1415, -2]
```

41.

Q What is the expected output of the following code?

```
train_speed = ("FlyingFootman": 201, "Zow": 320, "Shunkansen": 320)
for train in train_speed.items():
    print(train[0], end="")
```

42.

```
def myname (first,surname):
    name = first+" "+surname
    return name

first = input("Enter your name")
surname = input("Enter your surname")
name = myname(first,surname)
print(name)
```

What will be the output of this program if the user enters "Han" and then "Solo"?

43.

```
def sayHi(): #line 1
    print("hi there") #line 2
sayHi() #line 3
#line 4
```

Which of the following best describes the order in which these lines are processed in Python?

46.

```
test1 = 90
test2 = 75
average = test1 + test2 / 2
print(average)
```

What type of error is this?