



Quiz : PCEP FINAL EXAM

Date : Tue Jul 25 2023 6:00 PM

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Accuracy

**84%**

Total Questions

**60**

✓ Correct

**50**

× Incorrect

**9**

✓ Partially Correct


**1**

No.	Question	Time	Points	Response
1	What will the output be after executing the following code snippet?	26	1	✓ 9
2	What will the output be, if we run the following code?	53	1	✓ AttributeError: 'tuple' object has no attribute 'append'
3	How many times will it print "#"?	39	1	✓ 3
4	What is the output of this code when "robert" is entered by the user when prompted?	29	1	✓ False
5	What would be printed to the console after the following code is executed?	14	1	✓ Hello, World
6	What will the output be after executing the following code?	30	1	✓ ('Python', 'Tuple')
7	What is the output when the following code snippet is run:	21	0	✗ Error
8	What will the output be after executing the following code?	78	1	✓ [6]
9	What will the output be after executing the following code?	38	1	✓ {1: 'Python', 2: 'Dictionaries'}
10	What is the output of this code after the user inputs "Python" when prompted?	46	1	✓ PythonPythonPython
11	What will the output be after running the following code?	32	1	✓ [0, 1, 2, 3, 4, 6]
12	What will the output be, if we execute the following code?	36	1	✓ {'Name': 'Python', 1: [1, 2, 3, 4], 2: 'hi'}
13	What will the output be, if we run the following code?	89	1	<div>0 1</div> <div>0 0</div> <div>✓ 1 1</div> <div>1 0</div>
14	What will the output be after executing the following code?	19	1	✓ Hello Python!
15	What will the output be after running the following code snippet?	17	1	✓ Robert Method Karamagi
16	What will the output be after calling the following function?	44	0	✗ Syntax Error
17	What will the output be after running the following code snippet?	144	1	✓ False

No.	Question	Time	Points	Response
19	What will the output be after executing the following code snippet?	63	1	✓ 3
20	What will the output be, if we run the following code?	34	1	✓ {1:"One", 2:"One"}
21	What will the output be after running the following code?	27	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?	42	1	✓ wifififi
23	What will the output be after executing the following code?	55	1	✓ Hello#World#Python
24	What is the output of the following code?	14	1	✓ 1
25	What is the output of the following code?	33	0	✗ error
26	What will the output be after running the following code?	21	1	✓ odd
27	What will the output be after running the following code?	19	0	✗ 10 5
28	What will the output be after running the following code?	34	1	✓ 5 1
29	Will the following code run without errors?	32	1	✓ This code will run without errors.
30	What is the output after executing the following code?	47	1	✓ Oranges Mangoes
31	A binary code consists of:	18	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:	25	0	✗ a Python compiler
33	velocity = (a) _____ (b) _____ (c) _____ (d) _____ (e) _____	45	1	✓ (a) float ✓ (b) ( ✓ (c) input ✓ (d) ("Enter speed in knots: ") ✓ (e) )
34	Match the following data types:	23	0.5	✓ Integer → -1_999 ✓ String → " 100 " ✗ Float → 0.14167

No.	Question	Time	Points	Response
				<div> <div>✖</div> <div>Boolean</div> <div>→</div> <div>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.	25	1	<div> <div>✓</div> <div>Parentheses</div> <div>✓</div> <div>Exponents</div> <div>✓</div> <div>Division</div> <div>✓</div> <div>Subtraction</div> </div>
36	(a) _____ (b) _____ (c) _____ (d) _____ (e) _____ _____	48	1	<div> <div>✓</div> <div>(a) if</div> <div>✓</div> <div>(b) tax_rate</div> <div>✓</div> <div>(c) &lt;</div> <div>✓</div> <div>(d) 23.5</div> <div>✓</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("###")	152	1	<div> <div>✓</div> <div>(a) shift == 0</div> <div>✓</div> <div>(b) shift &lt; 0</div> </div>
38	(a) _____ (b) _____ (c) _____ (d) _____ (e) _____ _____	84	1	<div> <div>✓</div> <div>(a) for</div> <div>✓</div> <div>(b) number in</div> <div>✓</div> <div>(c) range(</div> <div>✓</div> <div>(d) -3,</div> <div>✓</div> <div>(e) 0, 1):</div> </div>
39		318	1	<div> <div>✓</div> <div>numbers[numbers[0]]</div> <div>✓</div> <div>numbers[0:4]</div> </div>
40		446	0	<div> <div>✖</div> <div>the_data.index(the_data[-1])== 0</div> <div>✖</div> <div>len(the_data[0:2]) == 0</div> <div>✖</div> <div>the_data.index(-2) no in the_data</div> </div>
41		98	0	<div> <div>✖</div> <div>The code has an error</div> </div>
42	What will be the output of this program if the user enters "Han" and then "Solo"?	209	1	<div> <div>✓</div> <div>Han Solo</div> </div>
43	Which of the following best describes the order in which these lines are processed in Python?	51	1	<div> <div>✓</div> <div>4, 1, 2</div> </div>
44	Division by zero is an example of what	37	0	<div> <div>✖</div> <div>Semantic Error</div> </div>

No.	Question	Time	Points	Response
	type of error?			
45	Improper indentation is an example of what type of error?	32	0	✗ Semantic Error
46	What type of error is this?	68	1	✓ logical
47	<b>A complete set of commands is known as:</b>	7	1	✓ Instruction list
48	What is IDLE?	11	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?	10	1	✓ A debugger
50	Python is an example of:	9	1	✓ a high-level programming
51	What are the main difference between tuples and list?	17	1	✓ Tuples have () and list have [] ✓ tuples cannot be changed and list can be changed
52	Which of the following is true about Dictionaries?	12	1	✓ Consist of key-value pairs
53	What is the key difference between list and tuples?	35	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?	29	1	✓ a = b = c = 1
55	Evaluate the following expression in Python? 24 // 4 // 4	14	1	✓ 1
56	Evaluate the following arithmetic expression in Python ? 2 ** 2 ** 3	82	1	✓ 256
57	56.867	14	1	✓ Float
58	"89 / 90"	6	1	✓ String
59	Which of the following best describes the concept of "scope" in Python?	10	1	✓ The area of a program where a variable is defined and can be accessed.

No.	Question	Time	Points	Response
60	How is a try and catch used in python?	26	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 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 karamagil"  
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. 

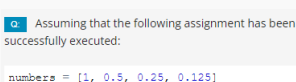
velocity = (a) \_\_\_\_\_ (b) \_\_\_\_\_ (c) \_\_\_\_\_ (d) \_\_\_\_\_  
(e) \_\_\_\_\_

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?