Quizizz

Quiz   : PCEP FINAL EXAM

Date   : Tue Jul 18 2023 4:56 PM

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Accuracy

80%

Total Questions	✓ Correct	✕ Incorrect	✓ Partially Correct
60	47	11	2

No.	Question	Time	Points	Response
1	What will the output be after executing the following code snippet?	14	0	✕ 1
2	What will the output be, if we run the following code?	32	1	✓ AttributeError: 'tuple' object has no attribute 'append'
3	How many times will it print "#"?	15	1	✓ 3
4	What is the output of this code when "robert" is entered by the user when prompted?	11	1	✓ False
5	What would be printed to the console after the following code is executed?	26	1	✓ Hello, World
6	What will the output be after executing the following code?	17	0	✕ ['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?	20	1	✓ [6]
9	What will the output be after executing the following code?	24	1	✓ {1: 'Python', 2: 'Dictionaries'}
10	What is the output of this code after the user inputs "Python" when prompted?	34	1	✓ PythonPythonPython
11	What will the output be after running the following code?	17	1	✓ [0, 1, 2, 3, 4, 6]
12	What will the output be, if we execute the following code?	54	1	✓ {'Name': 'Python', 1: [1, 2, 3, 4], 2: 'hi'}
13	What will the output be, if we run the following code?	127	1	✓ 0 1 0 0 1 1 1 0
14	What will the output be after executing the following code?	5	1	✓ Hello Python!
15	What will the output be after running the following code snippet?	22	1	✓ Robert Method Karamagi
16	What will the output be after calling the following function?	21	1	✓ 6
17	What will the output be after running the following code snippet?	67	0	✕ True

No.	Question	Time	Points	Response
	following code is executed?			
19	What will the output be after executing the following code snippet?	16	0	✗ Nothing is printed
20	What will the output be, if we run the following code?	16	1	✓ {1:"One", 2:"One"}
21	What will the output be after running the following code?	79	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?	31	1	✓ wifififi
23	What will the output be after executing the following code?	34	1	✓ Hello#World#Python
24	What is the output of the following code?	6	1	✓ 1
25	What is the output of the following code?	14	0	✗ <class 'int'>
26	What will the output be after running the following code?	11	1	✓ odd
27	What will the output be after running the following code?	25	0	✗ 10 5
28	What will the output be after running the following code?	28	1	✓ 5 1
29	Will the following code run without errors?	9	1	✓ This code will run without errors.
30	What is the output after executing the following code?	10	1	✓ Oranges Mangoes
31	A binary code consists of:	6	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:	9	1	✓ a Python interpreter
33	velocity = (a) _____ (b) _____ (c) _____ (d) _____ (e) _____	54	1	✓ (a) float ✓ (b) (✓ (c) input ✓ (d) ("Enter speed in knots: ") ✓ (e))
34	Match the following data types:	10	0.5	✓ Integer → -1_999 ✓ String → " 100 "

No.	Question	Time	Points	Response
				✕ Boolean → False
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.	11	1	✓ Parentheses ✓ Exponents ✓ Division ✓ Subtraction
36	(a) _____ (b) _____ (c) _____ (d) _____ (e) _____	24	1	✓ (a) if ✓ (b) tax_rate ✓ (c) < ✓ (d) 23.5 ✓ (e) :
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("###")	242	0.5	✕ (a) shift != 0 ✓ (b) shift < 0
38	(a) _____ (b) _____ (c) _____ (d) _____ (e) _____	47	1	✓ (a) for ✓ (b) number in ✓ (c) range(✓ (d) -3, ✓ (e) 0, 1):
39		110	1	✓ numbers[numbers[0]] ✓ numbers[0:4]
40		337	1	✓ the_data.index(the_data[-1])== 0 ✓ len(the_data[0:2]) == 0
41		65	1	✓ FlyingScotsmanTGVShinkansen
42	What will be the output of this program if the user enters "Han" and then "Solo"?	14	1	✓ Han Solo
43	Which of the following best describes the order in which these lines are processed in Python?	46	0	✕ 1, 2, 3, 4
44	Division by zero is an example of what type of error?	9	0	✕ Semantic Error
45	Improper indentation is an example of what type of error?	4	1	✓ Syntax Error

No.	Question	Time	Points	Response
46	What type of error is this?	32	1	✓ logical
47	**A complete set of commands is known as:**	9	1	✓ Instruction list
48	What is IDLE?	8	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:	4	1	✓ a high-level programming
51	What are the main difference between tuples and list?	12	1	✓ Tuples have () and list have [] ✓ tuples cannot be changed and list can be changed
52	Which of the following is true about Dictionaries?	4	1	✓ Consist of key-value pairs
53	What is the key difference between list and tuples?	14	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?	11	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	61	0	✗ 512
57	56.867	9	1	✓ Float
58	"89 / 90"	7	1	✓ String
59	Which of the following best describes the concept of "scope" in Python?	11	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?	18	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
				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.

```python
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.

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

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

13.

```python
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.

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

What will the output be after executing the following code?

15.

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

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

16.

```python
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.

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

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

18.

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

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

19.

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

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

20.

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

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

21.

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

What will the output be after running the following code?

22.

```python
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.

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

What will the output be after executing the following code?

24.

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

What is the output of the following code?

25.

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

What is the output of the following code?

26.

```python
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.

```python
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.

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

default(1)
```

What will the output be after running the following code?

29.

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

Will the following code run without errors?

30.

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

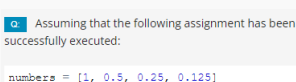What is the output after executing the following code?

33.

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

36.

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

38.

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

39.

Assuming that the following assignment has been successfully executed:

```python
numbers = [1, 0.5, 0.25, 0.125]
```

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 = {"FlyingScotsman": 201, "TGV": 320, "Shinkansen": 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
                      #line 3
sayHi()               #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?