

Python Tutorial 1 _ 27-08-2020

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Your answer

1. Which of the following is not an advantage of a flowchart?

1 point

- ☐ Better communication
- ☐ Efficient coding
- ☐ Systematic testing
- ☒ Improper documentation

[Clear selection](#)



2.To find whether a given number is prime or not, which of the following control structures you need. 1 point

- ☐ sequence
- ☐ selection
- ☐ repetition
- ☒ all of the above

Clear selection

3. While opening a file that exists already, one of the following error occurs 1 point

- ☐ syntax error
- ☐ logical error
- ☐ linker error
- ☒ run time error

Clear selection

4. Which of the following results in true? 1 point

- a. `print((34>=12) and not(3<4))`
- b. `print((34>=12) or not(3<4))`
- c. `print((34>=12) or (3==4))`
- d. `print(not (34<=12) and (3<4))`

- ☐ a
- ☒ b
- ☐ c
- ☐ d



5. What is the value of the following expression?`float(44//3+2**3+3/2)`

1 point

- ☐ 23
- ☒ 23.5
- ☐ 23.0
- ☐ 24

Clear selection

6. What is the output of : `format(1234.56789, '.2e')`?

1 point

- ☒ 1.23e+03
- ☐ 1234.56
- ☐ 1234.57
- ☐ 12.34e+02

Clear selection



7. Predict the output of the following script:

1 point

```
print (15.0/3.0)
print (3/2)
print (float(2)/float(4))
print (str(12.34567))
print (bool(0))
print (bool(1))
```

- ☒ 5.0 1.5 0.5 12.34567 False True
- ☐ 5.0 1 0 "12.34567" 0 1
- ☐ 5 1.0 12.34567 False True
- ☐ Compile time error

Clear selection

8. Identify the incorrect statement in the following statements :

1 point

- ☐ Variable names in Python cannot start with number. However, it can contain number in any other position of variable name.
- ☐ Variable names can start with an underscore.
- ☐ Data type of variable names should not be declared
- ☒ None of the above

Clear selection



9. Find the output of the following Python code.

1 point

```
list1 = [3, 2, 5, 6, 0, 7, 9]
sum = 0
sum1 = 0
for elem in list1:
    if (elem % 2 == 0):
        sum = sum + elem
        continue
    if (elem % 3 == 0):
        sum1 = sum1 + elem
print(sum, end=" ")
print(sum1)
```

- ☒ 8 9
- ☐ 8 3
- ☐ 2 3
- ☐ 8 12

Clear selection

10. What would be the output of the following code?

1 point

```
x=2
while x<=10:
    print(x)
    x = x + 1
```

- ☐ It would display numbers from 1 to 10
- ☒ It would display numbers from 2 to 10
- ☐ It would display numbers from 2 to 9
- ☐ It would display numbers from 1 to 9

Clear selection



11. Which keyword is used to come out of a loop only for that iteration?

1 point

- ☒ break
- ☐ continue
- ☐ return
- ☐ pass

Clear selection

12. Find the output of the following code

1 point

```
for i in range(3):  
    for j in range(3):  
        if i > 1 :  
            continue  
        print("Hai")
```

- ☒ Hai is printed 3 times
- ☐ Hai is printed 6 times
- ☐ Hai is printed 9 times
- ☐ Hai is printed 2 times

Clear selection



13. What is the output of the following script?

1 point

```
i=0
if i==0:
    print("hai")
    break
print("Hello")
```

- ☐ Hai is printed infinite times
- ☐ haiHello
- ☐ Hello
- ☒ Compile time error

Clear selection

14. Mention the output of the following Python script:

1 point

```
i=0
while(i<2):
    if(i==1):
        break
    i=i+1
    if(i==1):
        continue
    print("Inside while loop and if")
    print("Inside the while")
print("After while loop")
```

- ☐ Inside while loop and if inside while After while loop
- ☐ Inside the while After while loop
- ☒ After while loop is printed one time
- ☐ After while loop is printed infinite times

Clear selection



15. Identify the output of the following Python Snippet.

1 point

```
for letter in 'Welcome_to_python_course':  
    if letter == '_':  
        continue  
    print(letter, end='')  
print('\noutside of the loop ')
```

- ☒ Welcometopythoncourse outside of the loop
- ☐ Welcome to python course outside of the loop
- ☐ Welcome_to_python_course outside of the loop
- ☐ Welcome outside of the loop

Clear selection

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