

Python Basics Quiz (2)

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Instructions:

- ✓ Choose the best answer for each question.
- ✓ Each question has one correct answer.
- ✓ Some questions include tricky elements to test your understanding.
- ✓ You also can get another [quiz \(1\)](#).
- * ***Click here to get answers***

1. What will be the output of the following code?

```
print("Hallo", "World", sep = ", ")
```

- A) Hallo, World
- B) Error
- C) Hallo,World
- D) Hallo World

2. What will be the output of the following code?

```
print("Python" == 'Python')
```

- A) True
- B) False
- C) Error
- D) None of these

3. What will be the output of the following code?

```
print(float(35) == int(35))
```

A) True

B) False

C) Error

D) None of these

4. What is the default value of the end parameter in the print() function?

- A) " "
- B) ""
- C) Space
- D) "\n"

5. What will be the output of the following code?

```
print(1 == 1.0 == True)
```

- A) True
- B) False
- C) Error
- D) None of these

6. What will be the output of the following code?

```
x = int('9'); y = 7  
print(x is y)
```

- A) True
- B) False
- C) Error
- D) None of these

7. What is the data type of the return value of the following code?

```
print(10 / 5)
```

- A) Float Number
- B) Integer Number
- C) Complex Number
- D) None of these

8. What will be the output of the following code?

```
print(bool(0j))
```

- A) True
- B) False
- C) Error
- D) None of these

9. What will be the output of the following code?

```
my_tuple = (1, 2, [3, 4])  
my_tuple[2].append(5)  
print(my_tuple)
```

A) AttributeError

B) (1, 2, [3, 4, 5])

C) (1, 2, [3, 4, 5])

D) None of these

10. Which of the following choices is correct?

```
tuple1 = (1, 2, 3)
tuple2 = (3, 2, 1)
tuple3 = tuple1[::-1]
print(tuple3 is tuple2); print(tuple3 == tuple2)
```

- A) True, False
- B) False, True
- C) True, True
- D) False, False

11. What will be the output of the following code?

```
x = 7
x = complex(x)
print(x * 3)
```

- A) 21j
- B) 21+0j 21+0j 21+0j
- C) Error
- D) 21+0j

12. What will be the output of the following code?

```
d = {'a': 1, 'b': 3}
d.update(a=5, c=1)
print(d)
```

- A) {'a': 5, 'b': 3, 'c': 1}
- B) {'a': 1, 'b': 3, 'a': 5, 'c': 1}
- C) {'a': 1, 'b': 3, 'c': 1, 'a': 5}
- D) {'a': 5, 'b': 3, 'a': 1, 'c': 1}

13. What will be the output of the following code?

```
d = {1: 'one', 2: 'two', 3: 'three'}
print(list(d.items())[1][1])
```

- A) 2
- B) 3
- C) two
- D) Error

14. What will be the output of the following code?

```
d = dict.fromkeys(['a', 'b', 'c'], [])
d['a'].append(5)
print(d)
```

- A) {'a': [5], 'b': [5], 'c': [5]}
- C) Error

- B) {'a': [5], 'b': [], 'c': []}
- D) {'a': 5, 'b': 5, 'c': 5}

15. What will be the output of the following code?

```
d = {'a': 1, 'b': 2, 'c': 3}
d['d'] = d.get('e', 4)
print(d)
```

- A) {'a': 1, 'b': 2, 'c': 3, 'd': 4}
- B) {'a': 1, 'b': 2, 'c': 3, 'e': 4}
- C) {'a': 1, 'b': 2, 'c': 3, 'd': 4, 'e': 4}
- D) KeyError

16. What will be the output of the following code?

```
my_tuple = (1, 2, (3, 4))
my_tuple[2][1] = 5
print(my_tuple)
```

- A) (1, 2, (3, 5))
- B) (1, 2, (5, 4))
- C) TypeError
- D) AttributeError

17. What will be the output of the following code?

```
d = {True: 'yes', 1: 'one', False: 'no', 0: 'zero'}
print(d)
```

- A) {True: 'one', False: 'zero'}
- B) {True: 'yes', False: 'no'}
- C) {1: True, 0: False}
- D) Error

18. What will be the output of the following code?

```
t = (2, 3, 5, 7, 11)
a, *b, c = t
print(a, b, c, sep = ", ")
```

- A) 2, 3, 5, 7, 11
- B) 2 [3, 5, 7] 11
- C) ValueError
- D) 2, [3, 5, 7], 11

19. Which of the following choices is correct?

```
t1 = 1
t2 = 2,
print(type(t1), "|", type(t2))
```

- A) <class 'int'> | <class 'tuple'>
- B) <class 'int'> | SyntaxError
- C) <class 'int'> | <class 'int'>
- D) <class 'int'> | <class 'tuple'>

20. Which of the following choices is correct?

```
d = {'a': 1, 'b': 2, 'c': 3}
print(list(d.keys()))
```

- A) ['a', 'b', 'c']
- B) Error
- C) a, b, c
- D) [a, b, c]

21. Which of the following choices is correct?

```
d = {1: 'one', 2: 'two', 3: 'three'}
print(d.keys() & {2, 3, 4})
```

- A) {1, 2, 3, 4}
- B) {2, 3}
- C) {4}
- D) Error

22. Which of the following choices is correct?

```
s1 = {1, 2, 3}
print(s1 * 3)
```

- A) {3, 6, 9}
- B) {1, 2, 3} {1, 2, 3} {1, 2, 3}
- C) TypeError
- D) {1, 2, 3, 3}

23. Which of the following choices is correct?

```
A = {1, 2, 3, 4}
B = {3, 4, 5, 6}
C = {1, 6, 7, 8}
result = A & B | C - A
print(A)
```

- A) {3, 4, 2}
- B) {3, 4, 6, 7, 8}
- C) {3, 4}
- D) {1, 2, 3}

24. Which of the following choices is correct?

```
A = {{1, 2}, {3, 4}}
print(A)
```

- A) {1, 2}, {3, 4}
- B) {{2, 1}, {3, 4}}
- C) TypeError
- D) {3, 4}, {1, 2}

25. what will be the output of the following code?

```
s = set("abcbcacba")  
print(len(s))
```

- A) 9
- B) 6
- C) 3
- D) 1

26. what will be the output of the following code?

```
print((1, 2, 3) < (1, 2, 4))  
print((1, 2, 3) < (1, 2, 3, 0))  
print((1, 2, 3) < (1, 1, 5))
```

- A) True, False, True
- B) True, False, False
- C) True, True, True
- D) True, True, False

27. what will be the output of the following code?

```
d1 = {'a': 1, 'b': 2}  
d2 = {'b': 3, 'c': 4}  
print(**d1, **d2)
```

- A) {'a': 1, 'b': 2, 'c': 4}
- B) {'a': 1, 'b': 3, 'c': 4}
- C) {'a': 1, 'b': 2, 'b': 3, 'c': 4}
- D) Error

28. what will be the output of the following code?

```
d = {'a': 1, 'b': 3, 'c': 3}  
d['b'] += d.setdefault('d', 2)  
print(d)
```

- A) {'a': 1, 'b': 5, 'c': 3}
- B) {'a': 1, 'b': 3, 'c': 3, 'd': 2}
- C) {'a': 1, 'b': 5, 'c': 3, 'd': 2}
- D) {'a': 1, 'b': 5, 'c': 3, 'd': 5}

29. what will be the output of the following code?

```
s1 = 'abc'  
s2 = 'def'  
print(s1 + s2 * 2)
```

- A) abcdefdef
- B) abcabc
- C) Error
- D) defdefabc