

Python Questions and Answers – Strings – 4

[« Prev](#)
[Next »](#)

This set of Python Coding Questions & Answers focuses on “Strings”.

- A 1. What is “Hello”.^el.replace(“l”, “e”)?
- a) Heeee
 - b) Heelo
 - c) Heleo
 - d) None

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2. To retrieve the character at index 3 from string s=”Hello” what command do we execute (multiple answers allowed)?
- a) s[]
 - b) sgetitem(3)
 - C c) s.__getitem__(3) *–getitem() can be used to get character at index specified as parameter.*
 - d) s.getItem(3)

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- A 3. To return the length of string s what command do we execute?
- a) s.__len__()
 - b) len(s)
 - c) size(s)
 - d) s.size() *→ ‘str’ object has no attribute ‘size’*

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4. If a class defines the `__str__(self)` method, for an object `obj` for the class, you can use which command to invoke the `__str__` method.

- a) `obj.__str__()`
- b) `str(obj)`
- c) `print obj`
- d) all of the mentioned

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A. 5. To check whether string `s1` contains another string `s2`, use _____

- a) `s1.__contains__(s2)`
- b) `s2 in s1`
- c) `s1.contains(s2)`
- d) `si.in(s2)`

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6. Suppose `i` is 5 and `j` is 4, `i + j` is same as _____

$$j = 5$$

- a) `i.__add(j)`
- b) `i.__add__(j)`
- c) `i.__Add(j)`
- d) `i.__ADD(j)`

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7. What will be the output of the following Python code?

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```
1. class Count:  
2.     def __init__(self, count = 0):  
3.         self.__count = count  
4.  
5.     c1 = Count(2) } → objects cannot have same id  
6.     c2 = Count(2)  
7.     print(id(c1) == id(c2), end = " ")  
8.  
9.     s1 = "Good" } → string can  
10.    s2 = "Good"  
11.    print(id(s1) == id(s2))
```

- C
- a) True False
 - b) True True
 - c) False True
 - d) False False

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

```

1. class Name:
2.     def __init__(self, firstName, mi, lastName):
3.         self.firstName = firstName
4.         self.mi = mi
5.         self.lastName = lastName
6.
7.     firstName = "John"
8. name = Name(firstName, 'F', "Smith")
9. firstName = "Peter"
10. name.lastName = "Pan"
11. print(name.firstName, name.lastName)

```

- B** a) Peter Pan
 b) John Pan
 c) Peter Smith
 d) John Smith

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A 9. What function do you use to read a string?

- a) input("Enter a string")
 b) eval(input("Enter a string"))
 c) enter("Enter a string")
 d) eval(enter("Enter a string"))

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四點小教室！
 ↑
 (10位. 3位)

10. Suppose x is 345.3546, what is format(x, "10.3f") (_ indicates space).

- B** a) __345.355
 b) __345.355
 c) __345.355
 d) __345.354

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» Prev - Python Questions and Answers – Strings – 3

» Next - Python Questions and Answers – Strings – 5



Python Questions and Answers – Strings – 5

[« Prev](#)[Next »](#)

This set of Basic Python Questions & Answers focuses on "Strings".

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

```
print("abc DEF".capitalize())
```



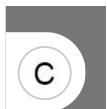
- C. a) abc def
- b) ABC DEF
- c) Abc def
- d) Abc Def

the first letter of the string is converted to uppercase.
the others are converted to lowercase.

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```
print("abc. DEF".capitalize())
```

- C
a) abc. def
b) ABC. DEF
c) Abc. def
d) Abc. Def

def → lowercase.

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

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```
print("abcdef".center())
```

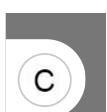
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- C
a) cd
b) abcdef
c) error
d) none of the mentioned

center takes at least 1 parameter

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4. What will be the output of the following Python code?

B, `print("abcdef".center(0))`

- a) cd
- b) abcdef
- c) error
- d) none of the mentioned

↳ The entire string is printed when the argument passed to center() is less than the length of the string.

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

`print('*', "abcdef".center(7), '*')`

- a) * abcdef *
- b) * abcdef *
- c) *abcdef *
- d) * abcdef*

当最字符串长度为奇数时。
首先从左开始填充。

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

`print('*', "abcdef".center(7), '*', sep='')`

- a) * abcdef *
- b) * abcdef *
- c) *abcdef *
- d) * abcdef*

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- C. a) * abcde *
 b) * abcde *
 c) *abcde *
 d) * abcde*

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```
print('*',''.center(6), '*', sep=' ')
```

padding is done towards the right-hand-side
 first when the final string is even length.

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

```
print("abcdef".center(7, 1))
```

↓

- D. a) 1abcdef
 b) abcdef1
 c) abcdef
 d) error

Type Error. the fill character must
 be a character, not an int.

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

```
print("abcdef".center(7, '1'))
```

↓
used for padding instead of a space.

- A. a) 1abcdef
 b) abcdef1
 c) abcdef
 d) error

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10. What will be the output of the following Python code?

D.

```
print("abcdef".center(10, '12'))
```

↓

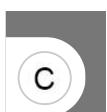
- a) 12abcdef12
 b) abcdef1212
 c) 1212abcdef
 d) error

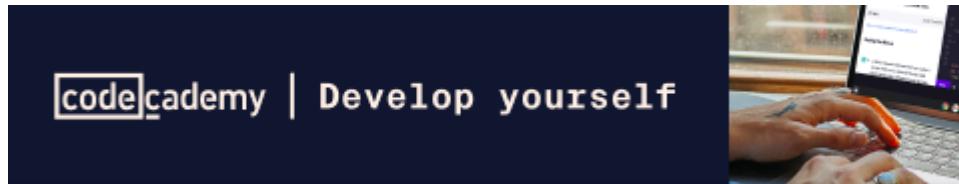
The fill character must be
 exactly 1 char. long.

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Python Questions and Answers – Strings – 6

[« Prev](#)[Next »](#)

This set of Python Quiz focuses on “Strings”.

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

`print("xyzxyzxxy".count('yy'))`

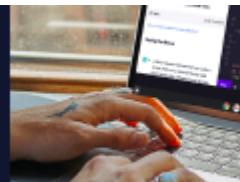
- A .
- a) 2
 - b) 0
 - c) error
 - d) none of the mentioned
- Counts the number of times the substring 'yy' is present in the given string.*

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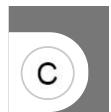
- print("xyzxyzxxy".count('yy', 1))
- A
a) 2
b) 0
c) 1
d) none of the mentioned
- [View Answer](#)
- starting from position 1.*

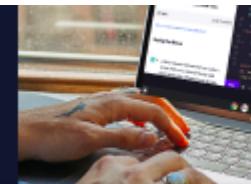
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3. What will be the output of the following Python code?

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- print("xyzxyzxxy".count('yy', 2))
- C
a) 2
b) 0
c) 1
d) none of the mentioned
- starting from position 2.*



^

4. What will be the output of the following Python code?

```
print("xyzxyzxxyy".count('xyy', 0, 100))
```

A.

- a) 2
- b) 0
- c) 1
- d) error

An error will not occur

→ if the end value is greater

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than the length of the string.

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

```
print("xyzxyzxxyy".count('xyy', 2, 11))
```

B.

- a) 2
- b) 0
- c) 1
- d) error

↓
| starting from position 2.
| ending at position 11.

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

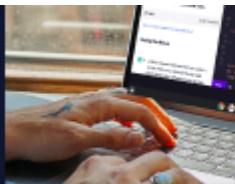
```
print("xyzxyzxxyy".count('xyy', -10, -1))
```

B.

- a) 2
- b) 0
- c) 1

↓
从后往前数.



- a) abc
 b) 'abc'
 c) b'abc'
 d) h'abc'

```
print('abc'.encode())
          ↓
return a bytes object.
```

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8. What is the default value of encoding in encode()?

- a) ascii
 b) qwerty
 c) utf-8
 d) utf-16

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

- B. `print("xyzxyzxxy".endswith("xyy"))`
- a) 1
 b) True
 c) 3
 d) 2
- returns True if the given string ends with the specified substring.

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10. What will be the output of the following Python code?

```
print("xyzxyzxxy".endswith("xyy", 0, 2))
```

- a) 0
 b) 1
 c) True
 d) False

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