

Python Questions and Answers – Strings – 10

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This set of Python Test focuses on "Strings".

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

```
print('for'.isidentifier())
```

A

- a) True
- b) False
- c) None
- d) Error

↳ keywords are considered as
valid identifiers.

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ce

- A. `print('abc'.islower())`
- (a) True
 (b) False
 (c) None
 (d) Error

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

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→ 只要沒有大寫字母!

- A. `print('a@ 1,'.islower())`
- (a) True
 (b) False
 (c) None
 (d) Error

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

A. `print('11'.isnumeric())`

- a) True
- b) False
- c) None
- d) Error

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

`print('1.1'.isnumeric())`
• → is not numeric

- B
- a) True
 - b) False
 - c) None
 - d) Error

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

A. `print('1@ a'.isprintable())`
All characters are printable

- a) True
- b) False
- c) None
- d) Error

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ace

- B**
- a) True
 - b) False
 - c) None
 - d) Error

```
print('    '.isspace())
```

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

- A**
- ```
print('\t'.isspace())
```
- a) True *→ Tab spaces are spaces.*
  - b) False
  - c) None
  - d) Error

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

- ```
print('HelloWorld'.istitle())
```
- a) True *→ W should be lowercase*
 - b) False
 - c) None
 - d) Error
- istitle* } True, 所有文字都大写开头 + 小写.
} False: otherwise

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

A.

```
print('Hello World'.istitle())
```

- a) True
- b) False
- c) None
- d) Error

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Python Questions and Answers – Strings – 11

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

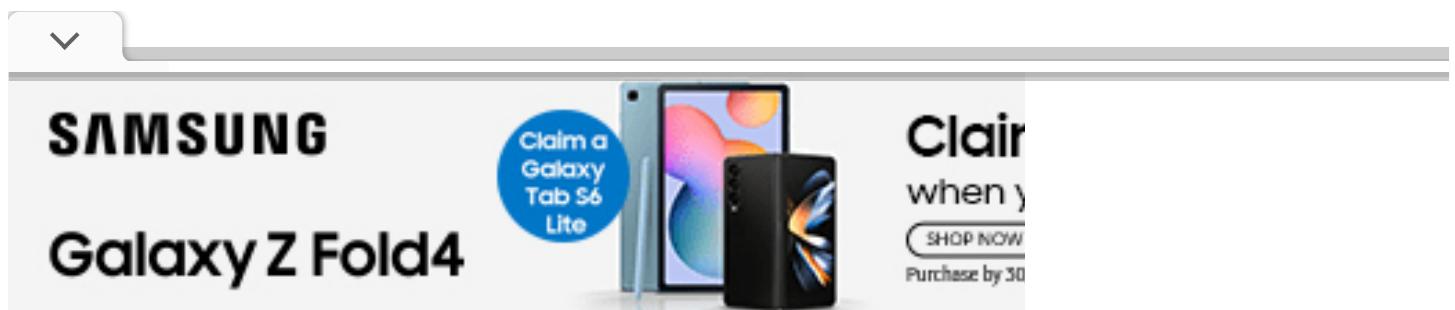
```
print('Hello!2@#World'.istitle())
```

- A (a) True
b) False
c) None
d) error

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`print('1Rn@'.lower())`

- B
 a) n
 b) lrn@
 c) rn
 d) r

↳ convert uppercase → lowercase.
 非 char 保持不變.

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

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`print(''\n\tfoo'''.lstrip())`

→ 用于截掉字符串左边的空格 or 指定字符.

`str.lstrip([chars])`

- B
 a) \tfoo
 b) foo
 c) foo
 d) none of the mentioned

↳ all leading whitespace is removed.

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

```
print('xyzxxxyy'.lstrip('xyy'))
```

- A) error
 B) zxxxyyy
 C) z
 D) zxxy

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

```
print('xyxxyzxy'.lstrip('xyy'))
```

↑ 所有 'xyy' 的组合
 都删除.

- A) zxxy
 B) xyxxxxyzxy
 C) xyxzxy
 D) none of the mentioned

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

```
print('cba'.maketrans('abc', '123'))
```

用于创建字典映射的转换表.

- A) {97: 49, 98: 50, 99: 51}
 B) {65: 49, 66: 50, 67: 51}
 C) 321
 D) 123

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when
Purchase by 30

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- a) {97: 49, 98: 50, 99: 51}
 B (b) {65: 49, 66: 50, 67: 51}
 C c) {97: 49}
 d) 1

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```
print('a'.maketrans('ABC', '123'))
```

It's a static method.

so its behaviour does not depend on the object from which is being called.

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

```
print('abcdef'.partition('cd'))
```

↳ 根據指定的分割符將字符串分割。

- a) ('ab', 'ef')
 b) ('abef')
 C (c) ('ab', 'cd', 'ef') ⇒ split into 3 parts
 d) 2

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

```
print('abcdefcdgh'.partition('cd'))
```

↓

The string is partitioned at the point where the separator first appears.

- B a) ('ab', 'cd', 'ef', 'cd', 'gh')
 b) ('ab', 'cd', 'efcdgh')
 c) ('abcdef', 'cd', 'gh')
 d) error

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

```
print('abcd'.partition('cd'))
```

- A A (a) ('ab', 'cd', '') ↳ the last item is null.
 b) ('ab', 'cd')
 c) error
 d) none of the mentioned

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

```
print('cd'.partition('cd'))
```

- a) ('cd')
- b) ()
- c) ('cd', '', '')
- d) (), 'cd', '')

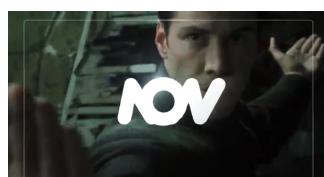
the entire string has been passed as a separator, hence the first & last item of the tuple returned null string.

D

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```
print('abef'.partition('cd'))
```



- C
C
a) ('abef')
b) ('abef', 'cd', '')
c) ('abef', '', '')
d) error

the separator is not present in the string
hence the 2nd & 3rd elements of the
tuple are null strings.

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

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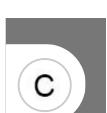
print('abcdef12'.replace('cd', '12'))

All occurrences of the 1st string ('cd')
are replaced by '12'.

- A
A
a) ab12ef12
b) abcdef12
c) ab12efcd
d) none of the mentioned

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

- A.
- ```
print('abef'.replace('cd', '12'))
```
- not in → nothing replaced.*
- a) abef
  - b) 12
  - c) error
  - d) none of the mentioned

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

- B.
- ```
print('abeffd'.replace('cd', '12'))
```
- not in string → hence nothing is replaced.*
- a) ab1ef2
 - b) abcefdf
 - c) ab1efd
 - d) ab12ed2

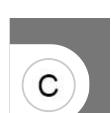
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6. What will be the output of the following Python code snippet?

- C.
- ```
print('xyxyxyxyxyxy'.replace('xy', '12', 0))
```
- Both xy are present replace.*
- a) xyxyxyxyxyxy
  - b) 12y12y1212x12
  - c) 12yxyxyxyxyxy
  - d) xyyxyxyxyx12

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



- B.**
- a) xyxyxyxyxyxxyy
  - b) 12y12y1212x12
  - c) none of the mentioned
  - d) error

`print('xyy ...'. replace('xy', '12', 100))`  
 把 100个 xy 替换成 12.

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

`print('abcdefcdghcd'.split('cd'))`

- B.**
- a) ['ab', 'ef', 'gh']
  - b) ['ab', 'ef', 'gh', '']
  - c) ('ab', 'ef', 'gh')
  - d) ('ab', 'ef', 'gh', '')

split the given string  
and return the substrings

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

`print('abcdefcdghcd'.split('cd', 0))`

- A.**
- a) ['abcdefcdghcd']
  - b) 'abcdefcdghcd'
  - c) error
  - d) none of the mentioned

split at 0 occurrences of 'cd'.

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

`print('abcdefcdghcd'.split('cd', -1))`

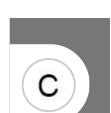
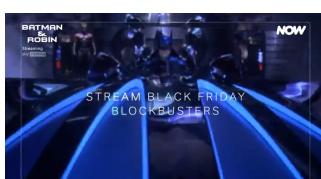
- B.**
- a) ['ab', 'ef', 'gh']
  - b) ['ab', 'ef', 'gh', '']
  - c) ('ab', 'ef', 'gh')
  - d) ('ab', 'ef', 'gh', '')

负数 = 什么都没有。  
直接输出

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# Python Questions and Answers – Strings – 13

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

```
print('abcdefcdghcd'.split('cd', 2))
```

A

- a) ['ab', 'ef', 'ghcd']
- b) ['ab', 'efcdghcd']
- c) ['abcdef', 'ghcd']
- d) none of the mentioned

The string is split into a maximum of (split + 1) substrings.

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~~print('ab\ncd\nef'.splitlines())~~

~~= split ('\n')~~

A (a) ['ab', 'cd', 'ef']

b) ['ab\n', 'cd\n', 'ef\n']

c) ['ab\n', 'cd\n', 'ef']

d) ['ab', 'cd', 'ef\n']

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

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~~aB~~  
print('Ab!2'.swapcase())

a) AB!@

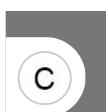
C. b) ab12

c) aB!2

d) aB1@

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

```
print('ab cd ef'.title())
```

↳ 1st letter of every word is Capitalized.

- a) Ab cd ef
- b) Ab cd eF
- c) Ab Cd Ef
- d) None of the mentioned

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

```
print('ab cd-ef'.title())
```

↳ “-” terminate a word.

(前面的也要大写)

- a) Ab cd-ef
- b) Ab Cd-ef
- c) Ab Cd-Ef
- d) None of the mentioned

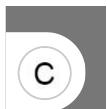
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6. What will be the output of the following Python code snippet?

```
print('abcd'.translate('a'.maketrans('abc', 'bcd')))
```

- a) bcde
- b) abcd
- c) error
- d) bcdd

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- a) bcde
- b) abcd
- c) error
- d) none of the mentioned

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

```
print('abcd'.translate({'a': '1', 'b': '2', 'c': '3', 'd': '4'}))
```

- A (C) a) abcd  
b) 1234

- c) error
- d) none of the mentioned

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

```
print('ab'.zfill(5))
```

- A (A) a) 000ab  
b) 00abo0  
c) 0ab00  
d) ab000

→ 在左边填充0.  
useful for formatting.

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

```
print('+99'.zfill(5))
```

- a) 00+99
- b) 00099
- C (C) c) +0099  
+9-位.
- d) +++99

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