

Python strings

1. What is the output of the following code?

```
s = "hello"  
print(s[1])
```

- a) h
 - b) e
 - c) l
 - d) o
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2. Which of the following methods returns the number of occurrences of a substring in a string?

- a) count()
 - b) find()
 - c) index()
 - d) search()
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3. Which method converts all characters of a string to uppercase?

- a) capitalize()
 - b) upper()
 - c) title()
 - d) casefold()
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4. What does the `strip()` method do?

- a) Removes all characters
 - b) Removes trailing spaces
 - c) Removes leading and trailing spaces
 - d) Removes internal spaces
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5. What is the output of `len("Python")`?

- a) 5
- b) 6

- c) 7
 - d) Error
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6. Which operator is used to concatenate strings in Python?

- a) &
 - b) +
 - c) *
 - d) %
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7. Which method would you use to find the first occurrence of a substring?

- a) index()
 - b) count()
 - c) search()
 - d) split()
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8. What is the result of 'abc' * 3?

- a) 'abcabcabc'
 - b) 'abc3'
 - c) 'abc abc abc'
 - d) 'aaabbbcccc'
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9. What will "Python".lower() return?

- a) "PYTHON"
 - b) "python"
 - c) "Python"
 - d) "pYTHON"
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10. What does "Hello, World".split() return?

- a) ['Hello', 'World']
 - b) ['Hello', ' World']
 - c) ['Hello,', ' World']
 - d) ['Hello World']
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11. Which function checks if all characters in the string are digits?

- a) isdigit()
 - b) isnumeric()
 - c) isalnum()
 - d) isalpha()
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12. What will " hello ".strip() return?

- a) "hello"
 - b) " hello"
 - c) "hello "
 - d) " hello "
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13. What is the output of "Hello".replace('l','x')?

- a) "Hxxxxo"
 - b) "Hexxox"
 - c) "Hexxo Hello"
 - d) "HeXXo"
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14. Which method checks if a string starts with a specified substring?

- a) startswith()
 - b) starts()
 - c) beginwith()
 - d) match()
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15. What does "123".isalnum() return?

- a) True
 - b) False
 - c) Error
 - d) None
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16. What is the output of 'abcde'[2:4]?

- a) 'bc'
- b) 'cd'

- c) 'de'
 - d) 'cde'
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17. Which method is used to center a string?

- a) center()
 - b) align()
 - c) middle()
 - d) place()
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18. What is the result of `'aabc'.find('a')`?

- a) 0
 - b) -1
 - c) 1
 - d) Error
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19. How to reverse a string `s` in Python?

- a) reverse(s)
 - b) `s[::-1]`
 - c) `s.reverse()`
 - d) `rev(s)`
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20. What does `"hello world".capitalize()` return?

- a) "HELLO"
 - b) "hello"
 - c) "Hello"
 - d) "Hello "
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