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○ BJP4 Self-Check 8.3: StringObject

Language/Type: Java [Objects](#) [state](#) [Strings](#)

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What is the state and behavior of a String object?

Sound F/X

- a. ☐ The state is the string itself, and the behavior is what you do with it, such as putting it in an array or list.
- b. ☐ The state is the location the text came from, such as a file or from the Scanner, and the behavior is when you save that string to a new location, such as to a new file.
- c. ☐ The state is methods that return values, such as length or charAt, and the behavior is methods that change the string, such as toUpperCase or substring.
- d. ☒ The state is its sequence of characters, and the behavior is its methods, such as length and indexOf.
- e. ☐ The state is the memory occupied by the object, and the behavior is what you do with that memory, such as storing characters in it.
(order shuffled)

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You passed 1 of 1 tests.

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question #1: What is the state and behavior of a String object?

your answer:

The state is its sequence of characters, and the behavior is its methods, such as length and in

result: pass

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