Java → Basic syntax and simple programs → Data types and variables → Final variables

Final variables → Why does the code work?

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The `StringBuilder` class represents a string which can be modified.

Suppose, we have an object of this class and use its methods to modify the string.

```
1    final StringBuilder builder = new StringBuilder();
2    builder.append("123");
```

Why does this code work correctly?

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○ The final keyword does not work with reference variables.

○ This is a lie - the code does not work at all!

○ The final keyword allows changing the value of a variable once.

○ The final keyword makes a constant reference, but does not prohibit changing the internal state of the object.

✓ Correct.

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