Why does String.replace not work? [duplicate]

Asked 9 years, 1 month ago   Modified 2 years, 2 months ago   Viewed 65k times

44

This question already has answers here:
[Java String replace not working [duplicate]](#) (6 answers)
Closed 9 years ago.

7

I am a little bit confused at the moment. I tried that:

```
String test = "KP 175.105";
test.replace("KP", "");
System.out.println(test);
```

and got:

```
KP 175.105
```

However, I want:

```
175.105
```

What's wrong with my code?

java   string   replace

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edited Mar 16, 2013 at 14:37
Duncan Jones
63.7k   26   184   242

asked Mar 16, 2013 at 14:35
maximus
10.8k   28   91   124

1   btw sorry for my stupid question. I guess its time to go to bed... – maximus Mar 16, 2013 at 14:40

3   This question may be a duplicate, but it is much easier to understand than the one it is supposedly a duplicate of. – Suragch May 4, 2015 at 3:42

3 Answers

Sorted by: Highest score (default) ▼

145

You did not assign it to `test`. Strings are *immutable.*

```
test = test.replace("KP", "");
```

You need to assign it back to `test`.

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edited Feb 27, 2020 at 3:25
shmosel
45.6k   6   62   130

answered Mar 16, 2013 at 14:37
PSR
37.9k   36   106   149

5   You have no idea how much anguish you saved me. TYSM – Brenann Sep 23, 2018 at 1:38

not working for "...","" – withoutOne Dec 3, 2019 at 11:26

19

`Strings` are immutable so you need to assign your `test` reference to the result of `String.replace` :

```
test = test.replace("KP", "");
```

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answered Mar 16, 2013 at 14:36
Reimeus
156k   14   206   268

7

String is immutable in java so you have to do

```
test =test.replace("KP", "");
```

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answered Mar 16, 2013 at 14:38
Achintya Jha
12.5k   2   26   39