Java Special Characters

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Strings - Special Characters

Because strings must be written within quotes, Java will misunderstand this string, and generate an error:

```
String txt = "We are the so-called "Vikings" from the north.";
```

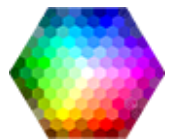The solution to avoid this problem, is to use the **backslash escape character**.

The backslash (\ ) escape character turns special characters into string characters:

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\\"	"	Double quote
\\\\	\\	Backslash

The sequence `\"` inserts a double quote in a string:

Example

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```java
String txt = "We are the so-called \"Vikings\" from the north.";
```

Try it Yourself »

The sequence `\'` inserts a single quote in a string:

Example

```java
String txt = "It\'s alright.";
```

Try it Yourself »

The sequence `\\` inserts a single backslash in a string:

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```java
String txt = "The character \\ is called backslash.";
```

Try it Yourself »

Other common escape sequences that are valid in Java are:

Code	Result	Try it
\n	New Line	**Try it »**
\r	Carriage Return	**Try it »**
\t	Tab	**Try it »**
\b	Backspace	**Try it »**
\f	Form Feed	

Exercise ?

Which of the following correctly uses special characters in a Java String?

○ String txt = "We are the so-called "Vikings" from the north.";

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