



C Special Characters

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Strings - Special Characters

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

```
char 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:

Escape character	Result	Description
\'	'	Single quote
\"	"	Double quote
\\	\	Backslash

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

Example

```
char txt[] = "We are the so-called \"Vikings\" from the north.";
```

Try it Yourself »

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

Example

```
char txt[] = "It\'s alright.";
```

Try it Yourself »

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

Example

```
char txt[] = "The character \\ is called backslash.";
```

Try it Yourself »

Other popular escape characters in C are:

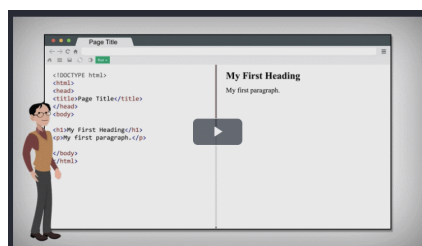
Escape Character	Result	Try it
<code>\n</code>	New Line	Try it »
<code>\t</code>	Tab	Try it »
<code>\0</code>	Null	Try it »

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