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Java Strings

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Java Strings

Strings are used for storing text.

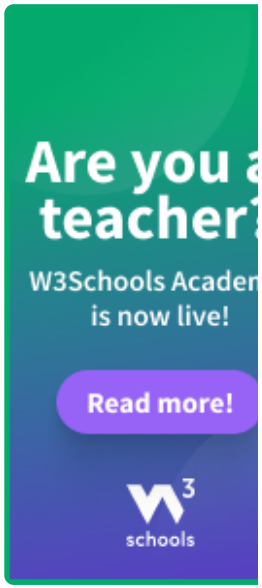
A `String` variable contains a collection of characters surrounded by double quotes:

Example

Get your own Java Server

Create a variable of type `String` and assign it a value:

```
String greeting = "Hello";
```



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String Length

A String in Java is actually an object, which contain methods that can perform certain operations on strings. For example, the length of a string can be found with the `length()` method:

Example

```
String txt = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";
System.out.println("The length of the txt string is: " + txt.length());
```

Try it Yourself »

More String Methods

There are many string methods available, for example `toUpperCase()` and `toLowerCase()`:

Example

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Try it Yourself »

Finding a Character in a String

The `indexOf()` method returns the **index** (the position) of the first occurrence of a specified text in a string (including whitespace):

Example

```
String txt = "Please locate where 'locate' occurs!";
System.out.println(txt.indexOf("locate")); // Outputs 7
```

Try it Yourself »

Java counts positions from zero.
0 is the first position in a string, 1 is the second, 2 is the third ...

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Reference.

The reference contains descriptions and examples of all string methods.

Exercise

Strings in Java are used to:

- Store integers
- Store a single character
- Store text
- Store strict integers

Submit Answer »

Video: Java Strings

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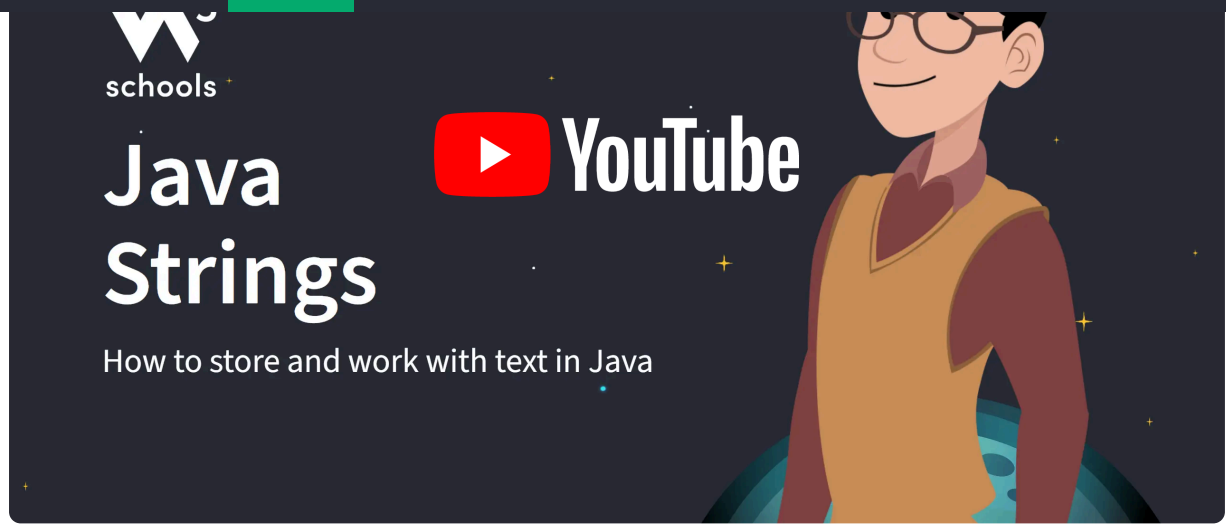

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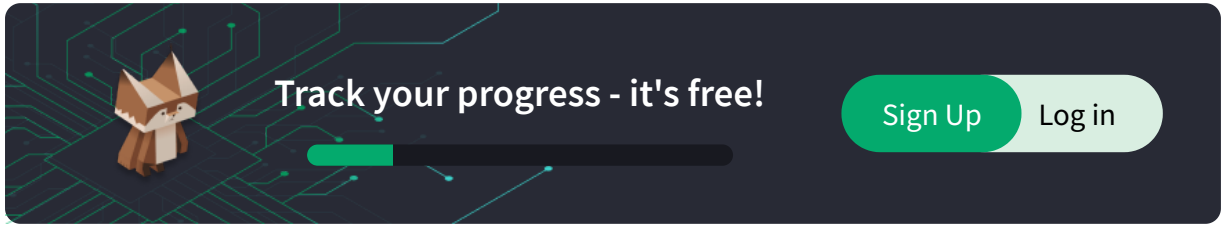

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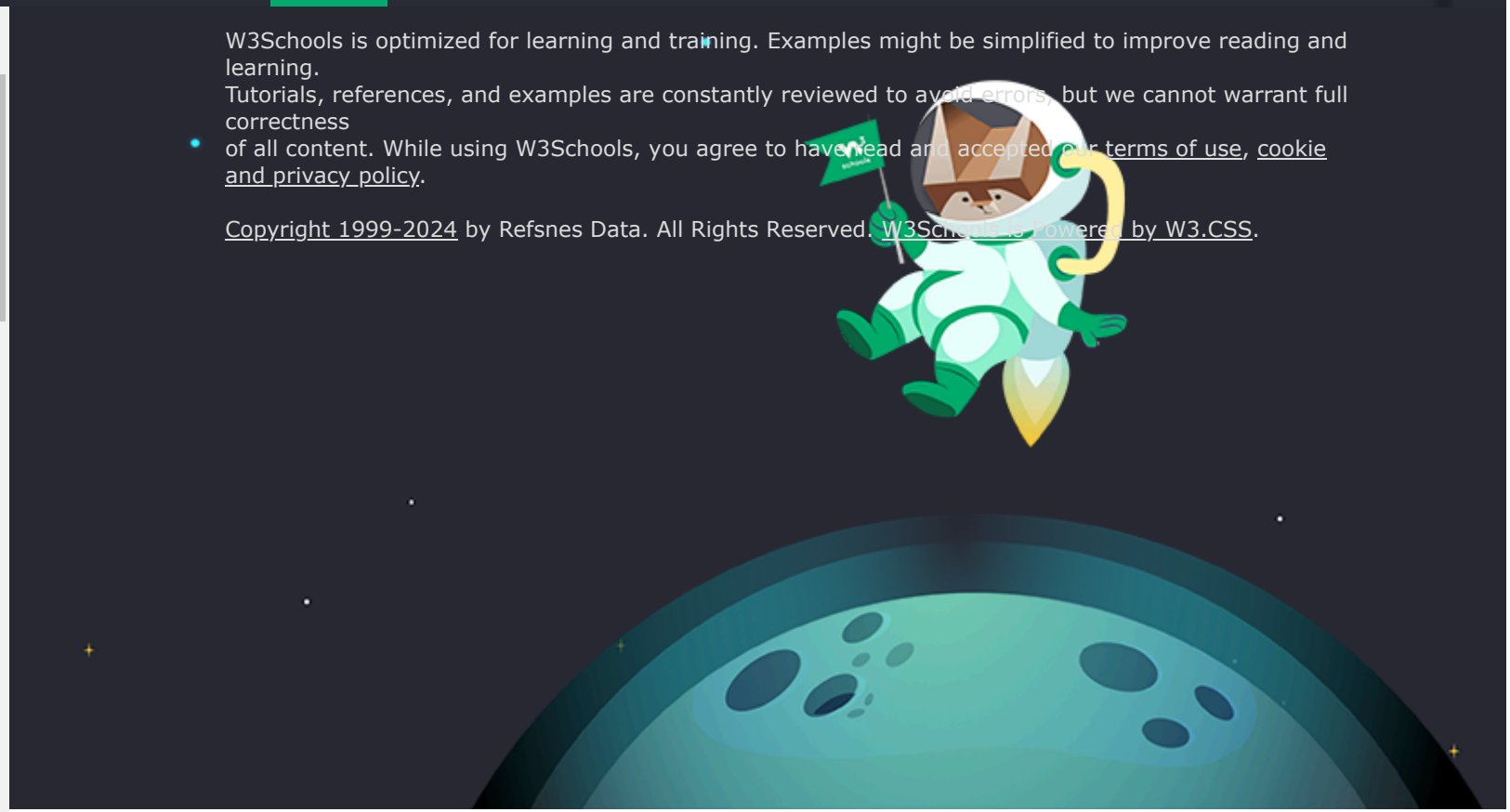
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