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Java String indexOf() Method

‹ String Methods

Example

Search a string for the first occurrence of "planet":

```
String myStr = "Hello planet earth, you are a great planet.";
System.out.println(myStr.indexOf("planet"));
```

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Definition and Usage

The `indexOf()` method returns the position of the first occurrence of specified character(s) in a string.

Tip: Use the lastIndexOf method to return the position of the **last** occurrence of specified character(s) in a string.

Syntax

There are 4 indexOf() methods:

```
public int indexOf(String str)
public int indexOf(String str, int fromIndex)
public int indexOf(int char)
public int indexOf(int char, int fromIndex)
```

Parameter Values

Parameter	Description
str	A `String` value, representing the string to search for
fromIndex	An `int` value, representing the index position to start the search from
char	An `int` value, representing a single character, e.g 'A', or a Unicode value

Technical Details

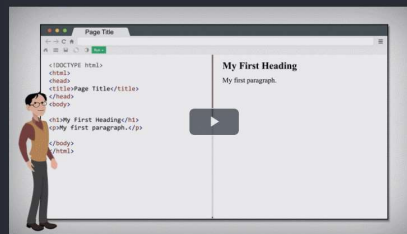|	
Returns:	An `int` value, representing the index of the first occurrence of the character in the string, or -1 if it never occurs

More Examples

Example

Find the first occurrence of the letter "e" in a string, starting the search at position 5:

```java
public class Main {
  public static void main(String[] args) {
    String myStr = "Hello planet earth, you are a great planet.";
    System.out.println(myStr.indexOf("e", 5));
  }
}
```

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