

JAVA.LANG.STRING.INDEXOF METHOD

http://www.tutorialspoint.com/java/lang/string_indexof_ch.htm

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Description

The **java.lang.String.indexOf** method returns the index within this string of the first occurrence of the specified character.

If a character with value **ch** occurs in the character sequence represented by this String object, then the `indexUnicodecodeunits` of the first such occurrence is returned.

Declaration

Following is the declaration for **java.lang.String.indexOf** method

```
public int indexOf(int ch)
```

Parameters

- **ch**-- This is a character *Unicodecodepoint*.

Return Value

This method returns the index of the first occurrence of the character in the character sequence represented by this object, or -1 if the character does not occur.

Exception

- **NA**

Example

The following example shows the usage of `java.lang.String.indexOf` method.

```
package com.tutorialspoint;

import java.lang.*;

public class StringDemo {

    public static void main(String[] args) {

        String str = "This is tutorialspoint";

        // returns the index of occurrence of character s
        System.out.println("index of letter 's' = "
            + str.indexOf('s'));

        // returns -1 as character e is not in the string
        System.out.println("index of letter 'e' = "
            + str.indexOf('e'));
    }
}
```

Let us compile and run the above program, this will produce the following result:

```
index of letter 's' = 3
index of letter 'e' = -1
```

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