

JAVA.LANG.STRING.GETCHARS METHOD

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

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Description

The **java.lang.String.getChars** method copies characters from this string into the destination character array.

The first character to be copied is at index **srcBegin**, the last character to be copied is at index **srcEnd-1** i.e. the total number of characters to be copied is **srcEnd-srcBegin**.

The characters are copied into the subarray of **dst** starting at index **dstBegin** and ending at index: $dstbegin + srcEnd - srcBegin - 1$

Declaration

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

```
public void getChars(int srcBegin, int srcEnd, char[] dst, int dstBegin)
```

Parameters

- **srcBegin** -- This is the index of the first character in the string to copy.
- **srcEnd** -- This is the index after the last character in the string to copy.
- **dst** -- This is the destination array.
- **dstBegin** -- This is the start offset in the destination array.

Return Value

This method does not return any value.

Exception

- **IndexOutOfBoundsException** -- It throws this exception if any of the following is true:

```
srcBegin is negative  
srcBegin is greater than srcEnd  
srcEnd is greater than the length of this string  
dstBegin is negative  
dstBegin+(srcEnd-srcBegin) is larger than dst.length
```

Example

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

```
package com.tutorialspoint;  
  
import java.lang.*;  
  
public class StringDemo {  
  
    public static void main(String[] args) {  
  
        String str = "Website:www.tutorialspoint.com";  
        System.out.println(str);  
  
        // character array  
        char[] chararr = new char[30];  
  
        /* copies characters from starting and ending index into the destination
```

```
character array */
str.getChars(12, 26, chararr, 0);

// print the character array
System.out.print("Value of character array : ");
System.out.println(chararr);
}
```

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

```
Website:www.tutorialspoint.com
Value of character array : tutorialspoint
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```