

JAVA - STRING HASHCODE() METHOD

http://www.tutorialspoint.com/java/java_string_hashcode.htm

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Description:

This method returns a hash code for this string. The hash code for a String object is computed as:

```
s[0]*31^(n-1) + s[1]*31^(n-2) + ... + s[n-1]
```

Using int arithmetic, where s[i] is the ith character of the string, n is the length of the string, and ^ indicates exponentiation. (The hash value of the empty string is zero.)

Syntax:

Here is the syntax of this method:

```
public int hashCode()
```

Parameters:

Here is the detail of parameters:

- NA

Return Value:

- This method returns a hash code value for this object.

Example:

```
import java.io.*;

public class Test{
    public static void main(String args[]){
        String Str = new String("Welcome to Tutorialspoint.com");
        System.out.println("Hashcode for Str : " + Str.hashCode() );
    }
}
```

This produces the following result:

```
Hashcode for Str :1186874997
```