**Java – String indexOf() Method example**

[**STRING HANDLING**](http://beginnersbook.com/category/string-handling/)

The method indexOf() is used for finding out the index of the specified character or substring in a particular String. There are 4 variations of this method:  
int indexOf(int ch): It returns the index of the first occurrence of character ch in a String.  
int indexOf(int ch, int fromIndex): It returns the index of first occurrence if character ch, starting from the specified index “fromIndex”.  
int indexOf(String str): Returns the index of string str in a particular String.  
int indexOf(String str, int fromIndex): Returns the index of string str, starting from the specified index “fromIndex”.

All the above variations returns -1 if the specified char/substring is not found in the particular String.

**Example**

public class IndexOfExample{

public static void main(String args[]) {

String str1 = new String("This is a BeginnersBook tutorial");

String str2 = new String("Beginners");

String str3 = new String("Book");

String str4 = new String("Books");

System.out.println("Index of B in str1: "+str1.indexOf('B'));

System.out.println("Index of B in str1 after 15th char:"+str1.indexOf('B', 15));

System.out.println("Index of B in str1 after 30th char:"+str1.indexOf('B', 30));

System.out.println("Index of string str2 in str1:"+str1.indexOf(str2));

System.out.println("Index of str2 after 15th char"+str1.indexOf(str2, 15));

System.out.println("Index of string str3:"+str1.indexOf(str3));

System.out.println("Index of string str4"+str1.indexOf(str4));

System.out.println("Index of harcoded string:"+str1.indexOf("is"));

System.out.println("Index of hardcoded string after 4th char:"+str1.indexOf("is", 4));

}

}

Output:

Index of B in str1: 10

Index of B in str1 after 15th char:19

Index of B in str1 after 30th char:-1

Index of string str2 in str1:10

Index of str2 after 15th char-1

Index of string str3:19

Index of string str4-1

Index of harcoded string:2

Index of hardcoded string after 4th char:5