|  |  |
| --- | --- |
| Say I have two strings,  String s1 = "AbBaCca";  String s2 = "bac";  I want to perform a check returning that s2 is contained within s1. I can do this with:  return s1.contains(s2);  I am pretty sure that contains() is case sensitive, however I can't determine this for sure from reading the documentation. If it is then I suppose my best method would be something like:  return s1.toLowerCase().contains(s2.toLowerCase());  All this aside, is there another (possibly better) way to accomplish this without caring about case-sensitivity? | |
|  | |  |
| pted | Yes, contains is case sensitive. You can use java.util.regex.Pattern with the CASE\_INSENSITIVE flag for case insensitive matching:  Pattern.compile(Pattern.quote(s2), Pattern.CASE\_INSENSITIVE).matcher(s1).find(); |

# Java String substring

The **java string substring()** method returns a part of the string.

We pass begin index and end index number position in the java substring method where start index is inclusive and end index is exclusive. In other words, start index starts from 0 whereas end index starts from 1.

There are two types of substring methods in java string.

### Signature

1. **public** String substring(**int** startIndex)
2. and
3. **public** String substring(**int** startIndex, **int** endIndex)

If you don't specify endIndex, java substring() method will return all the characters from startIndex.

### Parameters

**startIndex** : starting index is inclusive

**endIndex** : ending index is exclusive

### Returns

specified string

### Throws

**StringIndexOutOfBoundsException** if start index is negative value or end index is lower than starting index.

## Java String substring() method example

1. **public** **class** SubstringExample{
2. **public** **static** **void** main(String args[]){
3. String s1="javatpoint";
4. System.out.println(s1.substring(2,4));//returns va
5. System.out.println(s1.substring(2));//returns vatpoint
6. }}

[**Test it Now**](http://www.javatpoint.com/opr/test.jsp?filename=SubstringExample)

va

vatpoint