

# Java String Functions

The following program explains the usage of the some of the basic String methods like ;

1. **compareTo(String anotherString)**

Compares two strings lexicographically.

2. **charAt(int index)**

Returns the character at the specified index.

3. **getChars**(int srcBegin, int srcEnd, char[] dst, int dstBegin)

Copies characters from this string into the destination character array.

4. **length**()

Returns the length of this string.

5. **equals**(Object anObject)

Compares this string to the specified object.

## 6. **equalsIgnoreCase(String anotherString)**

Compares this String to another String, ignoring case considerations.

## 7. **toUpperCase()**

Converts all of the characters in this String to upper case using the rules of the default locale.

## 8. **toLowerCase()**

Converts all of the characters in this String to lower case using the rules of the default locale.

## 9. **concat**(String str)

Concatenates the specified string to the end of this string.

## 10. **indexOf**(int ch)

Returns the index within this string of the first occurrence of the specified character.

11. **indexOf**(int ch, int fromIndex)

Returns the index within this string of the first occurrence of the specified character, starting the search at the specified index.

12. **indexOf**(String str)

Returns the index within this string of the first occurrence of the specified substring.

13. **indexOf**(String str, int fromIndex)

Returns the index within this string of the first occurrence of the specified substring, starting at the specified index.

#### 14. **lastIndexOf**(int ch)

Returns the index within this string of the last occurrence of the specified character.

#### 15. **lastIndexOf**(int ch, int fromIndex)

Returns the index within this string of the last occurrence of the specified character, searching backward starting at the specified index.

#### 16. **lastIndexOf**(String str)

Returns the index within this string of the rightmost occurrence of the specified substring.

17. **lastIndexOf**(String str, int fromIndex)

Returns the index within this string of the last occurrence of the specified substring, searching backward starting at the specified index.

18. **substring**(int beginIndex)

Returns a new string that is a substring of this string.



## 19. **substring(int beginIndex, int endIndex)**

Returns a new string that is a substring of this string.

## 20. **replace(char oldChar, char newChar)**

Returns a new string resulting from replacing all occurrences of oldChar in this string with newChar.

## 21. **trim()**

Returns a copy of the string, with leading and trailing whitespace omitted.

## 22. **toString()**

This object (which is already a string!) is itself returned