

Lesson 6: Comparing Strings

Term	Definition	Example / Picture / Code
lexicographical order	Placing words in alphabetical order	<pre>A B C D E F G H I J K L M N O P Q R S T U V W X Y Z</pre>

```
1 String firstWord = "Hello";
2 String secondWord = "HELLO";
3 String thirdWord = "Java";
4 System.out.println(firstWord.compareTo(thirdWord));
5 System.out.println(firstWord.compareTo(secondWord));
6 System.out.println(thirdWord.compareTo(firstWord));
```

int compareTo(String string2)

Returns a negative integer if this String comes before the argument string2, a positive integer if this String comes after the argument string2, and 0 if the Strings are equal.

Reflection

Question of the Day: How can I determine if a list of `String` objects are in alphabetical order?

Use compareTo

How have your software engineering skills improved in this unit?

Answers may vary