Step Into Java

Comparable

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Comparable is an Interface.

Any class that implements the Comparable interface must Implement the compareTo method

int compareTo(Object other)

This method compares the calling object to "other"

Usually the calling object and "other" are the same type

int compareTo(Object other)

compareTo returns:

-a positive number if the calling object
is greater than the "other" object
-0 if the 2 objects are equal
-a negative number if the calling object
is less than the "other" object

The String class implements the Comparable interface.

-The comparison is alphabetical
-It is case sensitive
-All upper case letters precede all lower case.

Example:

```
// prints happy to the screen
String temp = new String("happy");
String temp2 = new String("zappy");
if(temp.compareTo(temp2) < 0)
{
     System.out.print(temp);
}
```