

```
1  /** File Name: CompareTo.java
2  *
3  * This demos the String's compareTo function.
4  *
5  * @author: Mr. Dagler
6  */
7
8  public class CompareTo
9  {
10     public static void main(String[] args)
11     {
12         String word1 = "Highschool", word2 = "Highschool";
13         if(word1.compareTo(word2) == 0)
14             System.out.println("\"" + word1 + "\" = \"" + word2
15                 + "\"");
16         else if(word1.compareTo(word2) < 0)
17             System.out.println("\"" + word1 + "\" < \"" + word2
18                 + "\"");
19         else if(word1.compareTo(word2) > 0)
20             System.out.println("\"" + word1 + "\" > \"" + word2
21                 + "\"");
22
23         word1 = "Highschool";
24         word2 = "HighSchool";
25         if(word1.compareTo(word2) == 0)
26             System.out.println("\"" + word1 + "\" = \"" + word2
27                 + "\"");
28         else if(word1.compareTo(word2) < 0)
29             System.out.println("\"" + word1 + "\" < \"" + word2
30                 + "\"");
31         else if(word1.compareTo(word2) > 0)
32             System.out.println("\"" + word1 + "\" > \"" + word2
33                 + "\"");
34
35         word1 = "dog";
36         word2 = "cat";
37         if(word1.compareTo(word2) == 0)
38             System.out.println("\"" + word1 + "\" = \"" + word2
39                 + "\"");
40         else if(word1.compareTo(word2) < 0)
41             System.out.println("\"" + word1 + "\" < \"" + word2
42                 + "\"");
43         else if(word1.compareTo(word2) > 0)
44             System.out.println("\"" + word1 + "\" > \"" + word2
45                 + "\"");
46     }
47 }
48
```