

Lab Goal : This lab was designed to teach you more about the String class and how if statements are used.

Lab Description : Compare two Strings to determine if the first word should be placed before or after the second word in the dictionary.

Sample Data :

```
abe ape
giraffe gorilla
one two
fun funny
123 19
193 1910
goofy godfather
funnel fun
```

Files Needed ::

```
WordsCompare.java
WordsCompareRunner.java
```

Sample Output :

```
abe should be placed before ape
giraffe should be placed before gorilla
one should be placed before two
fun should be placed before funny
123 should be placed before 19
193 should be placed after 1910
goofy should be placed after godfather
funnel should be placed after fun
```

USEFUL METHODS

```
.compareTo( )
    This method will tell you if one
    String is smaller, equal to, or
    larger than another String.

String x = "abc";
String y = "cba";

int c = x.compareTo(y);
out.println(c); //prints an int < 0

int c = y.compareTo(x);
out.println(c); //prints an int > 0
```