

Lab Goal : This lab was designed to teach you more about sorting and searching.

Lab Description : Take a sentence and a word or letter and determine how many times the word or letter occurs in the sentence.

```
public class StringSearch
{
    /*
    *method countWords will count the occurrences of word in sent
    *there may be many occurrences of word or none at all
    */
    public static int countWords(String sent, String word)
    {
        //add code here
        return 0;
    }

    /*
    *method countLetters will count the occurrences of letter in sent
    *there may be many occurrences of letter or none at all
    */
    public static int countLetters(String sent, String letter)
    {
        //add code here
        return 0;
    }
}
```

Sample Data :

"computerscience"	"t"	
"computerscience"	"to"	
"onetwoonetwofun"	"n"	
"onefredonetwodog"	"one"	
"odogdogdogdogo"	"o"	
"niininininininini"	"ni"	

Sample Output :

```
1
0

3
2

6
10
```

Files Needed ::

StringSearch.java
StringSearchRunner.java

algorithm help

You will need to use substring and equals for the countLetters method.

You will need to use indexOf for the countWords method. Make sure you pick the correct version of indexOf.