LAB 7

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```
#include <iostream>
#include <fstream>
#include <cstring>
#include <algorithm>
#include <iomanip>
using namespace std;
#define maxx 1000
string keep char space(string phrase)
```

```
if (isalpha(temp[i]))
           for (int j = 0; j < temp.length(); j++)
               templine += temp[j];
int word count (string phrase)
       if (isspace(phrase[i]))
int main()
```

```
file.close();
            newfile >> word[j];
            for (int i = 0; i < tempword.size(); i++)</pre>
                 if ((tempword[i] \ge 'a' \&\& tempword[i] \le 'z') \mid |
(tempword[i] >= 'A' && tempword[i] <= 'Z'))</pre>
                     temp = temp + tempword[i];
```

```
newfile.close();
       newfile << strconcat;</pre>
       newfile << endl;</pre>
       newfile.close();
   int totaloccurences = 0;
       tempcompare = word[i];
        transform(tempcompare.begin(), tempcompare.end(),
tempcompare.begin(), ::tolower);
```

```
flag = true;
        if(flag)
        wordoccured[checkwordcount] = word[i];
        totaloccurences += occuredcount;
        //? write the cout into a file
        newfile.open("CountWordFixed.txt", ios::app);
            newfile << endl;</pre>
            newfile << left << setw(10) << word[i] << " occurs " <<</pre>
occuredcount << " times.";
            newfile.close();
    newfile.open("CountWordFixed.txt", ios::app);
```

```
newfile << endl << endl;
newfile << "Number of words: " << totalword << endl;
newfile << "Total words: " << wordcount << endl;
//newfile << "Number of words: " << totaloccurences;
newfile.close();
}
return 0;
}</pre>
```

Original text

```
C+ lab7serious.cpp CountWord.txt X
CountWord.t
```

After running the code