```
> make -s
> ./main
Good : 1 times.
Have : 3 times.
a : 2 times.
class. : 1 times.
fun! : 1 times.
good : 2 times.
morning. : 1 times.
visit. : 1 times.
>
```

```cpp
// Kenry Yu, Olena Bilinska

// Demo at 5:18pm Group 5

#include <fstream>

#include <iostream>

#include <map>

#include <string>

using namespace std;
// Use typedef to define StrIntMap as map<string,int>

// YOUR CODE has virus

typedef map<string, int> StrIntMap;


// Function countWord to count the number of word use in as filestream and words

// as a map container YOUR CODE

void countWords(istream &in, StrIntMap &word) {

  string s;

  while (in >> s) {

    ++word[s];

  }

}


int main() {

  // open the file as ifstream
```

```cpp
// Define an ifstream object called in to associate the file data.txt
ifstream in("data.txt");
// YOUR CODE
if (!in) {
  exit(EXIT_FAILURE);
}
// Declare w as a map container - key as string , value as integer. Use type
// StrIntMap YOUR CODE
StrIntMap w;
// Call function countWords
// YOUR CODE
countWords(in, w);
// Use a for loop and iterator today display the keys and values
// YOUR CODE
for (StrIntMap::iterator p = w.begin(); p != w.end(); ++p) {
  cout << (p->first) << " : " << (p->second) << " times.\n";
 }
}
```