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#include <iostream>
#include <fstream>
#include <string>
#include <sstream>
using namespace std;

struct wordCount {
    string word;
    int count;
    wordCount() {
        word = "";
        count = 0;
    }
};

// filter out all the punctuations
string preprocess( string original )
{
    stringstream ss;
    int i;
    for( i=0; i<original.length(); i++ ) {
        if( ! ispunct(original[i]) ) {
            ss << (char)tolower( original[i] );
        }
    }
    return ss.str();
}

wordCount wc[150];
int word_count = 0;

int top_index = -1;
int top_count = 0;

int main(int argc, char **argv) {
    if ( argc != 2 ) {
        return -1;
    }

    char *file_name = argv[1];

    ifstream fin(file_name);
    if( ! fin.is_open() ) {
        return -1;
    }
}

```

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string word;
while( fin >> word ) {
    word = preprocess(word);
    if( word.length() < 4 ) {
        continue;
    }
    int i;
    bool found = false;
    // trying to find the word in the existing records.
    for( i=0; i<word_count; i++ ) {
        if( wc[i].word.compare(word) == 0 ) {
            wc[i].count ++;
            found = true;
            if( wc[i].count > top_count ) {
                top_count = wc[i].count;
                top_index = i;
            }
            break;
        }
    }

    // if the word cannot be found in the existing records.
    if( ! found ) {
        wc[word_count].word = word;
        wc[word_count].count = 1;
        if( wc[word_count].count > top_count ) {
            top_count = wc[word_count].count;
            top_index = word_count;
        }
        word_count++;
    }
}

if(top_index == -1) {
    cout << "none" << endl;
} else {
    cout << wc[top_index].word << "=" << wc[top_index].count
        << endl;
}

return 0;
}

```