

```
//  
// main.cpp  
// AbsoluteCpp_ch12_4  
//  
// Copies story.txt to numstory.txt,  
// but adds a number to the beginning of each line.  
// Assumes story.txt is not empty.
```

```
#include <fstream>  
#include <iostream>  
#include <cstdlib>  
using std::ifstream;  
using std::ofstream;  
using std::cout;  
  
int main(int argc, const char * argv[]) {  
  
    ifstream fin;  
    ofstream fout;  
  
    fin.open("story.txt");  
    if (fin.fail( ))  
    {  
        cout << "Input file opening failed.\n";  
        exit(1);  
    }  
  
    fout.open("numstory.txt");  
    if (fout.fail( ))  
    {  
        cout << "Output file opening failed.\n";  
        exit(1);  
    }  
  
    char next;  
    int n = 1;  
  
    fin.get(next);  
    fout << n << " "; while (! fin.eof( )) {  
        fout << next;  
        if (next == '\n') {  
            n++;  
            fout << n << " ";  
        }  
        fin.get(next);  
    }  
  
    fin.close( );  
    fout.close( );  
  
    return 0;  
}
```