```cpp
//--------------------------------------------------------------------
//    Authors: Bryan Medina, Cristopher Briseno, Oscar Hernandez
//    Assignment  : Final Project
//    Due Date    : 05/09/2023
//    Description : This is the main program, which utilizes user defined
//                  functions to do the following:
//                     1. Cleans up text file to remove any information the
//                        program does not need.
//                     2. It checks text file to determine if there are any
//                        errors, mispelled words, or missing items.
//                     3. When clean and after determining that there are no
//                        errors, the program will be ran against the grammar
//                        provided to determine if it will be accepted.
//--------------------------------------------------------------------

#include <iostream>
#include <string>
#include <fstream>
#include <sstream>
#include <stack>
#include "OURFUNCTIONS.h"

using namespace std;

int main()
{

    string original = "finalp1.txt";
    cleanup(original);
    string newProgram = "finalp2.txt";
    bool errorFound = false;
    errorCheck(newProgram, errorFound);
    if (!errorFound)
    {
        parse(newProgram);
    }

    return 0;
}
```