```cpp
// This program demonstrates reading from one file and writing
// to a second file.
#include <iostream>
#include <fstream>
#include <string>
#include <cctype>// Needed for the toupper function.
using namespace std;

int main()
{
    string fileName;         // To hold the file name
    char ch;                 // To hold a character
    ifstream inFile;         // Input file

    // Open a file for output.
    ofstream outFile("out.txt");

    // Get the input file name.
    cout << "Enter a file name: ";
    cin >> fileName;

    // Open the file for input.
    inFile.open(fileName);

    // If the input file opened successfully, continue.
    if (inFile)
    {
        // Read a char from file 1.
        inFile.get(ch);

        // While the last read operation was
        // successful, continue.
        while (inFile)
        {
            // Write uppercase char to file 2.
            outFile.put(toupper(ch));

            // Read another char from file 1.
            inFile.get(ch);
        }

        // Close the two files.
        inFile.close();
        outFile.close();
        cout << "File conversion done.\n";
    }
    else
        cout << "Cannot open " << fileName << endl;
    return 0;
}
```