//Reads three numbers from the file specified by the user, sums the numbers,

//and writes the sum to another file specified by the user.

#include <fstream>

#include <iostream>

#include <cstdlib>

int main()

{

using namespace std;

char in\_file\_name[16], out\_file\_name[16];

ifstream in\_stream;

ofstream out\_stream;

cout << "I will sum three numbers taken from an input\n"

<< "file and write the sum to an output file.\n";

cout << "Enter the input file name (maximum of 15 characters):\n";

cin >> in\_file\_name;

cout << "Enter the output file name (maximum of 15 characters):\n";

cin >> out\_file\_name;

cout << "I will read numbers from the file "

<< in\_file\_name << " and\n"

<< "place the sum in the file "

<< out\_file\_name << endl;

in\_stream.open(in\_file\_name);

if (in\_stream.fail())

{

cout << "Input file opening failed.\n";

exit(1);

}

in\_stream.open(in\_file\_name);

if (in\_stream.fail())

{

cout << "Output file opening failed.\n";

exit(1);

}

int first, second, third;

in\_stream >> first >> second >> third;

out\_stream << "The sum of the first 3\n"

<< "numbers in " << in\_file\_name << endl

<< "is " << (first + second + third)

<< endl;

in\_stream.close();

out\_stream.close();

cout << "End of Program.\n";

return 0;

}