Title: File handing

Problem Statement: Write a C++ program that creates an output file, writes information to it, closes the file and open it again as an input file and read the information from the file.

#include <iostream>

#include <fstream>

using namespace std;

int main() {

// Open file for writing

fstream fs;

fs.open("file.txt", ios::out);

if (!fs) {

cerr << "Error: Could not open file for writing." << endl;

return 1; // Exit the program with an error code

}

// Write data to the file

fs << "Hello Everyone." << endl;

fs << "How are you all?" << endl;

fs.close(); // Close the file after writing

// Open file for reading

fs.open("file.txt", ios::in);

if (!fs) {

cerr << "Error: Could not open file for reading." << endl;

return 1; // Exit the program with an error code

}

// Read data from the file and display it

string line;

while (getline(fs, line)) {

cout << line << endl;

}

fs.close(); // Close the file after reading

return 0;

}