**Working with Files**

Must include fstream. The fstream class contains two sub-classes (ifstream and ofstream)

// This program uses the << operator to write information to a file.

#include <iostream>

#include <fstream> // Needed to use files

using namespace std;

int main()

{

ofstream outputFile;

outputFile.open("demofile.txt");

cout << "Now writing information to the file.\n";

// Write 3 great names to the file

outputFile << "Bach\n";

outputFile << "Beethoven\n";

outputFile << "Mozart\n";

// Close the file

outputFile.close();

cout << "Done.\n";

return 0;

}

// This program uses the >> operator to read information from a file.

#include <iostream>

#include <fstream> // Needed to use files

#include <string>

using namespace std;

int main()

{

ifstream inFile;

string name;

inFile.open("demofile.txt");

cout << "Reading information from the file.\n\n";

inFile >> name; // Read name 1 from the file

cout << name << endl; // Display name 1

inFile >> name; // Read name 2 from the file

cout << name << endl; // Display name 2

inFile >> name; // Read name 3 from the file

cout << name << endl; // Display name 3

inFile.close(); // Close the file

cout << "\nDone.\n";

return 0;

}