#include <iostream>

#include <string.h>

#include <string>

#include <stdio.h>

#include <conio.h>

#include <fstream>

using namespace std;

int main ()

{

   char data[100];

   // open a file in write mode.

   ofstream outfile;

   outfile.open("afile.doc");

   cout << "Writing to the file" << endl;

   cout << "Enter your name: ";

   cin.getline(data, 100);

   // write inputted data into the file.

   outfile << data << endl;

   cout << "Enter your age: ";

   cin >> data;

   cin.ignore();

   // again write inputted data into the file.

   outfile << data << endl;

   // close the opened file.

   outfile.close();

   // open a file in read mode.

   ifstream infile;

   infile.open("afile.doc");

   cout << "Reading from the file" << endl;

   infile >> data;

   // write the data at the screen.

   cout << data << endl;

   // again read the data from the file and display it.

   infile >> data;

   cout << data << endl;

   // close the opened file.

   infile.close();

   return 0;

}