**Using namespace std;**

**#ifndef STUDENT\_H**

**#define STUDENT\_H**

**Class Student**

**{**

**Public:**

**int ID = 0;**

**string Name = “ ”;**

**Student(string StudentName, int StudentID)**

**{**

**Name = StudentName;**

**ID = StudentID;**

**}**

**void setName(string StudentName)**

**{**

**Name = StudentName;**

**}**

**string getName()**

**{**

**Return Name;**

**}**

**void setID(string StudentID)**

**{**

**ID = StudentID;**

**}**

**int getID()**

**{**

**Return ID;**

**}**

**private:**

**{**

**String Name;**

**String ID;**

**}**

**};**

**#endif**

**#Include “Student”**

**#Include <<iostream>>**

**#Include <<vectors>>**

**Using namespace std;**

**void main**

**{**

**Student::Student(string StudentName, int StudentID){ //Is this part wrong?**

**vector<string>V1;**

**WHILE(V1.size <= 4) //Would this work? my vector size is smaller than 4, the loop will continue till it becomes 5 is what I think. Also I made two vectors.**

**{**

**Cout << “Please enter Student Name. Type “end” to stop” << endl;**

**String StudentName;**

**Getline(cin,StudentName);**

**Student::SetName(StudentName);**

**Student::GetName();**

**V1.push\_back(Name);**

**Cout << “Please enter Student ID.” << endl;**

**String StudentID;**

**Getline(cin,StudentID);**

**Student::SetID(StudentID);**

**Student::GetID();**

**V1.push\_back(ID);**

**}**

**for (unsigned int n = 0; n < V1.size(); n++){**

**cout << “Name : ”<< V1[n] << " " <<endl**

**<< “ID : ”<< V2[n];**

**}**

**}**

**Return = 0;**

**}**