

## Student.h

```
#ifndef STUDENT_H
#define STUDENT_H
#include <string>;

class Student
{
private:
    std::string name;
    int score;
    char grade;
public:
    Student();
    Student(std::string name, int score);
    ~Student();
    void print();
};
#endif
```

## Student.cpp

```
#include "Student.h"
#include <iostream>
using namespace std;

Student::Student() {};
Student::Student(string nm, int sc)
{
    name = nm;
    score = sc;
    char temp[] = { 'F','F','F','F','F','F','D','C','B','A','A' };
    grade = temp[score / 10];
};
Student::~~Student() {};
void Student::print()
{
    cout << name << "    " << score << "    " << grade << endl;
};
```

## Main.cpp

```
#include <iostream>
#include "Student.h"
using namespace std;
```

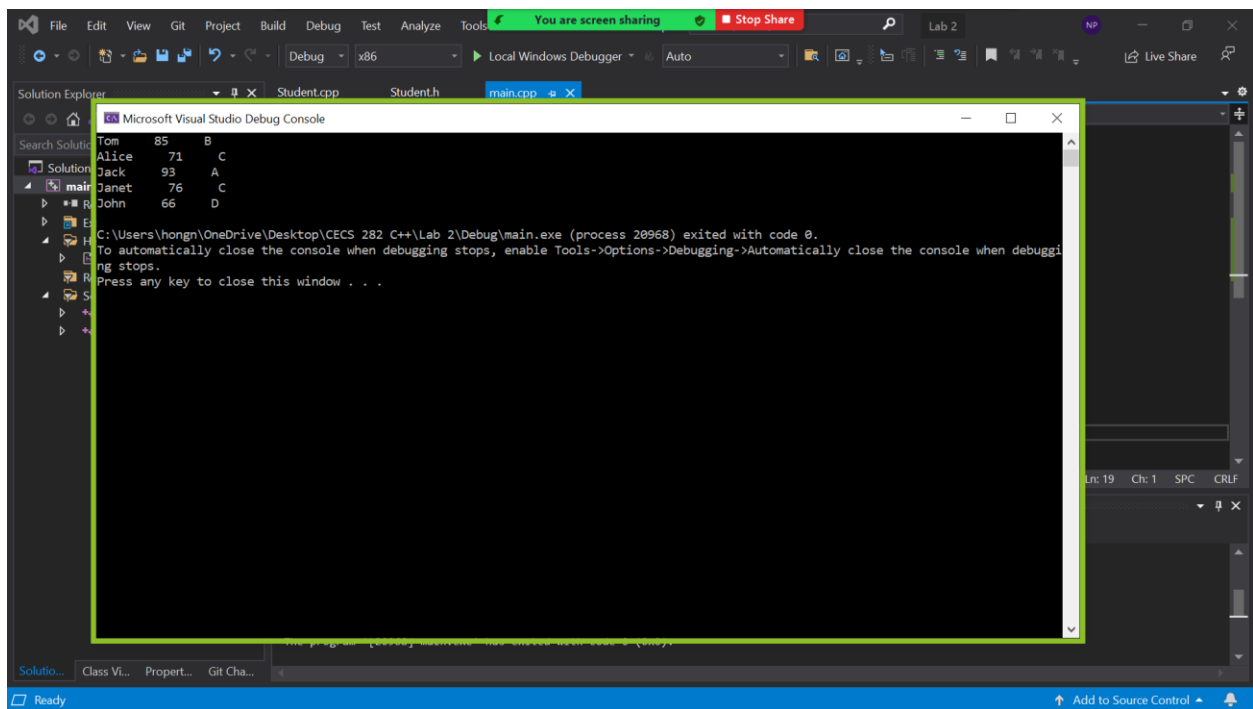
```

int main()
{
    Student stu[5];
    stu[0] = Student("Tom", 85);
    stu[1] = Student("Alice", 71);
    stu[2] = Student("Jack", 93);
    stu[3] = Student("Janet", 76);
    stu[4] = Student("John", 66);

    stu[0].print();
    stu[1].print();
    stu[2].print();
    stu[3].print();
    stu[4].print();

    return 0;
}

```



Demonstrated at 11:01 am on Tuesday, August 31, 2021