

电子信息与工程学院

姓名	学号	专业	联系方式
黄炜恺	17311023	微电子科学与工程	13725951349

代码

```
1  #include <iostream>
2  using namespace std;
3
4  class Stu
5  {
6      public:
7          int Average();
8          int Sum ();
9          void Show();
10         void SetStudent(char* x,int y, int z);
11         void SetName(char* x);
12         char* GetName();
13     private:
14         char* Name;
15         int Chinese;
16         int Math;
17 };
18
19 inline int Stu::Average()
20 {
21     return (Chinese+Math)/2;
22 }
23
24 inline int Stu::Sum()
25 {
26     return (Chinese+Math);
27 }
28
29 inline void Stu::Show()
30 {
31     cout << "Name:" << Name <<endl;
32     cout << "Chinese:" << Chinese <<endl;
33     cout << "Math:" << Math <<endl;
34 }
35
36 inline void Stu::SetStudent(char* x,int y, int z)
37 {
38     Name = x;
39     Chinese = y;
40     Math = z;
41 }
```

```

42
43 inline void Stu::SetName(char* x)
44 {
45     Name = x;
46 }
47
48 inline char* Stu::GetName()
49 {
50     return Name;
51 }
52
53 int main()
54 {
55     Stu p1,p2;
56     p1.SetStudent("Li Qing",98,96);
57     p2.SetStudent("Wang Gang",90,88);
58     p1.Show();
59     p2.Show();
60     cout << "p1的总成绩:" << p1.Sum() << endl;
61     cout << "p2的总成绩:" << p2.Sum() << endl;
62     cout << "p1的平均成绩:" << p1.Average() << endl;
63     cout << "p2的平均成绩:" << p2.Average() << endl;
64     p1.SetName("Zhao si");
65     p1.Show();
66     cout << "p1的姓名是" << p1.GetName() << endl;
67     return 0;
68 }
69

```

运行结果截图

```

Name:Li Qing
Chinese:98
Math:96
Name:Wang Gang
Chinese:90
Math:88
p1的总成绩:194
p2的总成绩:178
p1的平均成绩:97
p2的平均成绩:89
Name:Zhao si
Chinese:98
Math:96
p1的姓名是Zhao si

Process returned 0 (0x0)    execution time : 0.263 s
Press any key to continue.

```

