

```
1 namespace EXAMEN
2 {
3     public class Classroom
4     {
5         private List<Student> _studentsList = new List<Student>();
6         private string _name = "";
7
8         public Classroom()
9         {
10
11         }
12
13         public Classroom(List<Student> studentList)
14         {
15             _studentsList = studentList;
16         }
17
18         public List<Student> StudentList => _studentsList;
19         public string Name => _name;
20
21         public void AddStudent(Student student)
22         {
23             if (student == null)
24                 return;
25
26             _studentsList.Add(student);
27         }
28
29         public void Removestudent(int index)
30         {
31             if (index < 0 || index > _studentsList.Count)
32                 return;
33
34             _studentsList.RemoveAt(index);
35         }
36
37         public bool ContainsStudentWithName(string name)
38         {
39             if (name == null)
40                 return false;
41
42             List<Student> list = _studentsList;
43
44             for(int i = 0; i < list.Count; i++)
45             {
46                 if (list[i].Name == name)
47                     return true;
48             }
49             return false;
50         }
51
52         public void RemoveStudentWithName(string name)
53         {
```

```
54         if (name == null)
55             return;
56
57         List<Student> list = _studentsList;
58
59         for (int i = 0; i < list.Count; i++)
60         {
61             if (list[i].Name == name)
62             {
63                 list.RemoveAt(i);
64                 i--;
65             }
66         }
67     }
68
69     public int RemoveStudentWithNameALT(string name)
70     {
71         if (name == null)
72             return -1;
73
74         List<Student> list = _studentsList;
75
76         for (int i = 0; i < list.Count; i++)
77         {
78             if (list[i].Name == name)
79             {
80                 list.RemoveAt(i);
81                 i--;
82             }
83         }
84         return -1;
85     }
86 }
87 }
88
```