

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Homework_1
8 {
9     class Student
10    {
11        private string P_name;
12        private bool P_currStudent;
13        private int P_classification;
14
15        public Student(String a_name, bool a_currStudent, int a_classification)
16        {
17            P_name = a_name;
18            P_currStudent = a_currStudent;
19            P_classification = a_classification;
20        }
21        public string name
22        {
23            get { return P_name; }
24            set { P_name = value; }
25        }
26
27        public bool currStudent
28        {
29            get { return P_currStudent; }
30            set { P_currStudent = value; }
31        }
32
33        public int classification
34        {
35            get { return P_classification; }
36            set
37            {
38                if (value > 8 || value < 0)
39                    throw new Exception("Your classification value is not valid");
40                else
41                    P_classification = value;
42            }
43        }
44
45        public override string ToString()
46        {
47            return P_name + " is a current student: " + P_currStudent + ".S " + P_classification + "
year(s) of college experience.";
48        }
49    }
50 }
51
```