```csharp
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 Program
10    {
11        static void Main(string[] args)
12        {
13            Student Student1 = new Student("Michael Banks", false, 0);
14
15            Console.WriteLine(Student1.name);
16            Console.WriteLine(Student1.currStudent);
17            Console.WriteLine(Student1.classification);
18
19            Student1.name = "Michael Jackson";
20            if(Student1.name != "Michael Jackson")
21                Console.WriteLine("Error! Name is incorrect!");
22            else
23                Console.WriteLine(Student1.name);
24
25            Student1.currStudent = true;
26            if(Student1.currStudent != true)
27                Console.WriteLine("Error! Current Student information is incorrect!");
28            else
29                Console.WriteLine(Student1.currStudent);
30
31            Student1.classification = 1;
32            if(Student1.classification != 1)
33                Console.WriteLine("Error! Classification is incorrect!");
34            else
35                Console.WriteLine(Student1.classification);
36
37            Console.WriteLine(Student1.ToString());
38
39            Console.ReadKey();
40        }
41    }
42 }
43
```

```csharp
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 + " and has " + P_classification + ⤶
        " year(s) of college experience.";
48         }
49     }
50 }
51
```

```
Michael Banks
False
0
Michael Jackson
True
1
Michael Jackson is a current student: True.S 1 year(s) of college experience.
```