

```

        using System;

        public class Student
        {
            private string name;
            private int id;
            private double gpa;

            public string Name
            {
                get { return name; }
                set { name = value; }
            }

            public int Id
            {
                get { return id; }
                set { id = value; }
            }

            public double GPA
            {
                get { return gpa; }
                set
                {
                    if (value >= 0 && value <= 4.0)
                    {
                        gpa = value;
                    }
                    else
                    {
                        Console.WriteLine($"[Validation
Error] Invalid GPA value {value}. It must be
between 0 and 4.");
                        gpa = 0.0;
                    }
                }
            }

            public Student(string name, int id, double
initialGpa)
            {
                Name = name;
                Id = id;
                GPA = initialGpa;
            }

            public void DisplayRecord()
            {
                Console.WriteLine("\n=== Student
Record ===");
                Console.WriteLine($"Name: {Name}");
                Console.WriteLine($"ID: {Id}");
                Console.WriteLine($"GPA: {GPA:F2}");

                Console.WriteLine("=====");
            }

            class Program
            {
                static void Main(string[] args)
                {
                    Console.WriteLine("--- Testing Student
1 (Valid GPA) ---");
                    Student student1 = new Student("Alex
Miller", 20231001, 3.75);
                    student1.DisplayRecord();
                }
            }

```

```
Console.WriteLine("\n--- Testing  
Student 2 (Invalid GPA) ---");  
Student student2 = new  
Student("Brenda Lee", 20231002, 5.2);  
  
student2.GPA = -1.5;  
  
student2.DisplayRecord();  
}  
}
```