

```
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();  
}  
}
```