

```

using System;
namespace consolelabprgs
{
    interface IAccept
    {
        void AcceptDetails();
    }

    interface IDisplay
    {
        void DisplayDetails();
    }

    class Student : IAccept, IDisplay
    {
        int regno;
        string name;
        string course;
        int m1, m2, m3, total;
        float avg;

        public void AcceptDetails()
        {
            Console.Write("\nEnter Regno: ");
            regno = int.Parse(Console.ReadLine());
            Console.Write("Enter Name: ");
            name = Console.ReadLine();
            Console.Write("Enter Course: ");
            course = Console.ReadLine();
            Console.Write("Enter marks in DS: ");
            m1 = int.Parse(Console.ReadLine());
            Console.Write("Enter marks in OS: ");
            m2 = int.Parse(Console.ReadLine());
            Console.Write("Enter marks in Maths: ");
            m3 = int.Parse(Console.ReadLine());
            total = m1 + m2 + m3;
            avg = total / 3.0f;
        }

        public void DisplayDetails()
        {
            Console.WriteLine("{0}\t{1}\t{2}\t{3}\t{4}\t{5}\t{6}\t{7}",
                regno, name, course, m1, m2, m3, total, avg);
        }
    }

    class Program
    {
        public static void Main()
        {
            Student[] s = new Student[3];
            for (int i = 0; i < 3; i++)
                s[i] = new Student();

            Console.WriteLine("\nEnter details for 3 students:");

```

```
foreach (Student st in s)
{
    st.AcceptDetails();
}

Console.Clear();
Console.WriteLine("\nSTUDENT REPORT");
Console.WriteLine("Regno\tName\tCourse\tDS\tOS\tMaths\tTotal\tAverage");
foreach (Student st in s)
{
    st.DisplayDetails();
}

Console.ReadLine();
}
}
}
```