Batch1: 19-01-24

Batch2: 19-01-24

**Experiment No.3**

Title: Implement a program to use access modifiers in class using c#..

Aim: Implement a program to use private, internal, protected and protected internal access modifiers in class using c#..

Softwares Used: Visual Studio Community Edition 2022

Lab Outcomes:

Students will be able to:

1. Implement a program using access modifiers.

Theory:

* Types of access modifiers and their scope of access, Accessing functionality of one class in another assembly

Problem Statement#1: Implement a C# program to test private, internal, protected and protected internal access modifiers by creating another Assembly.

**Note:** Take the example of Inheritance classes hierarchy of Person->Student class.

Keep Person class in Assembly1. Student is residing in Assembly2 and inherits Person class.

Test Cases:

As shown in the PPT, create Person and Student class and note down your observations.

Source Code:

Output:

Conclusion: