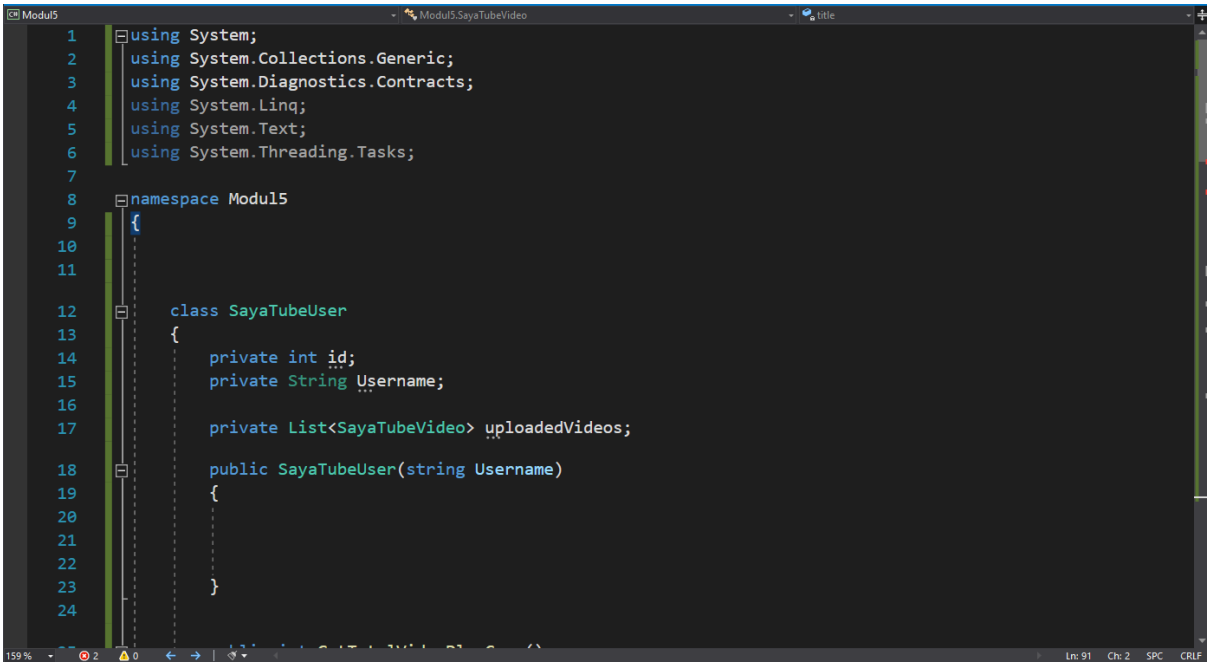
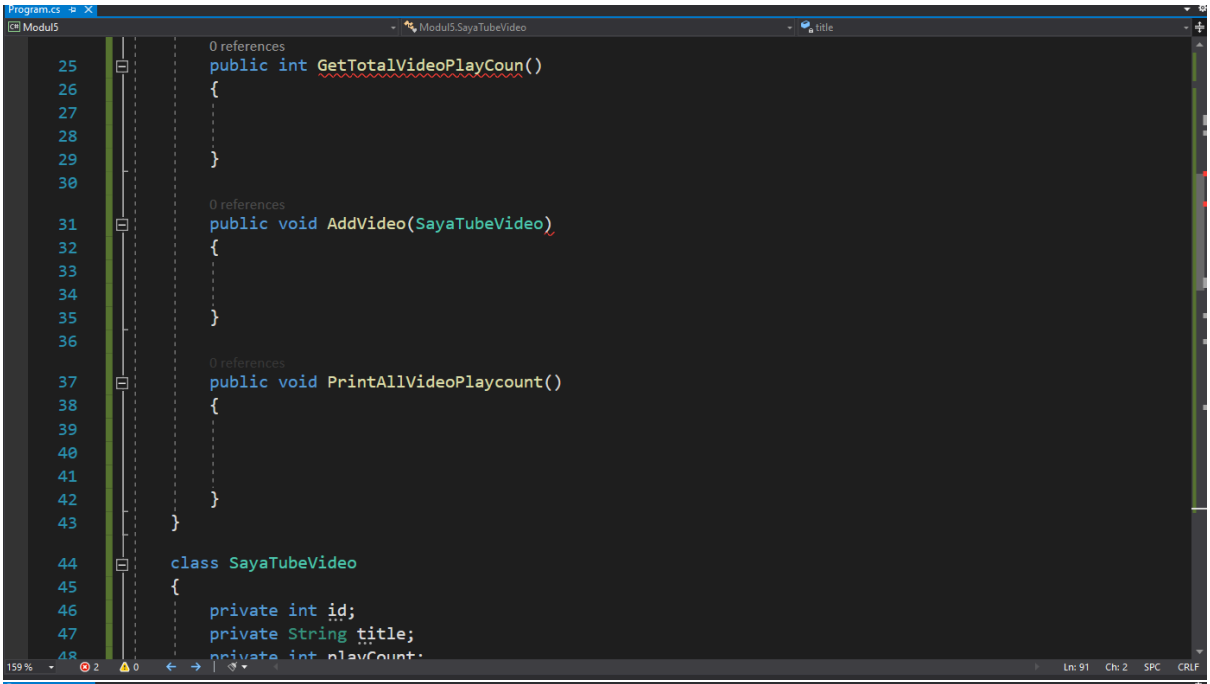
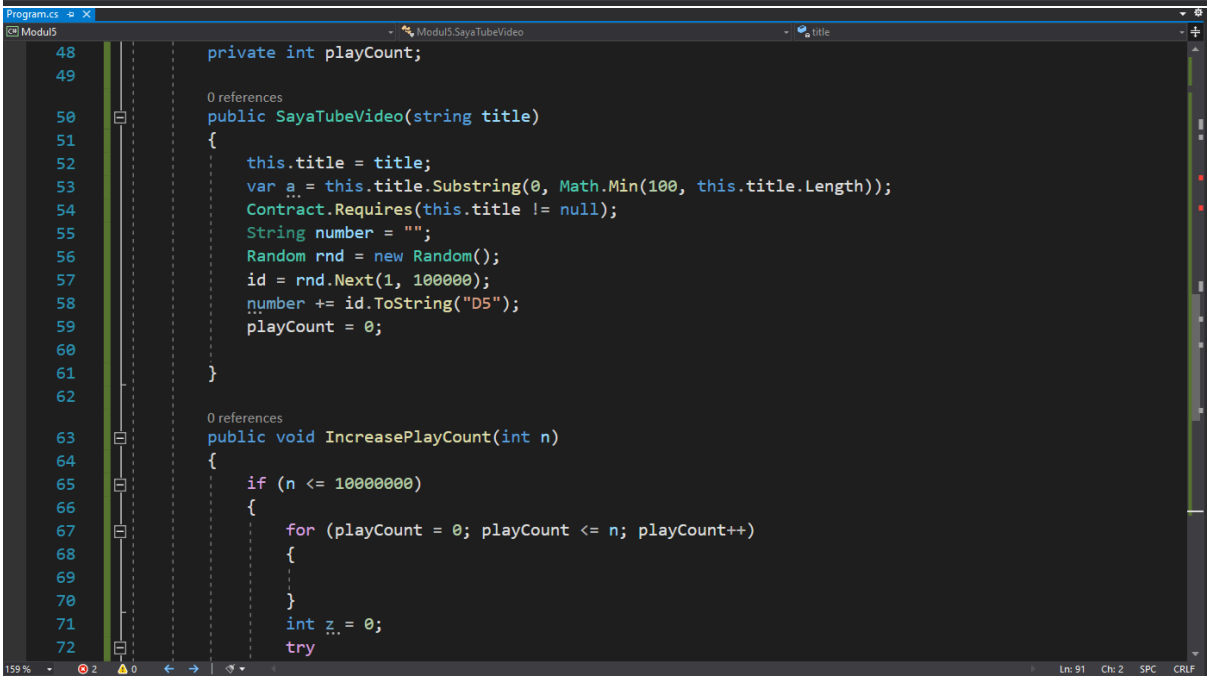
1. https://github.com/rakhax64/Jurnal_Modul5/tree/main/Modul5

2.

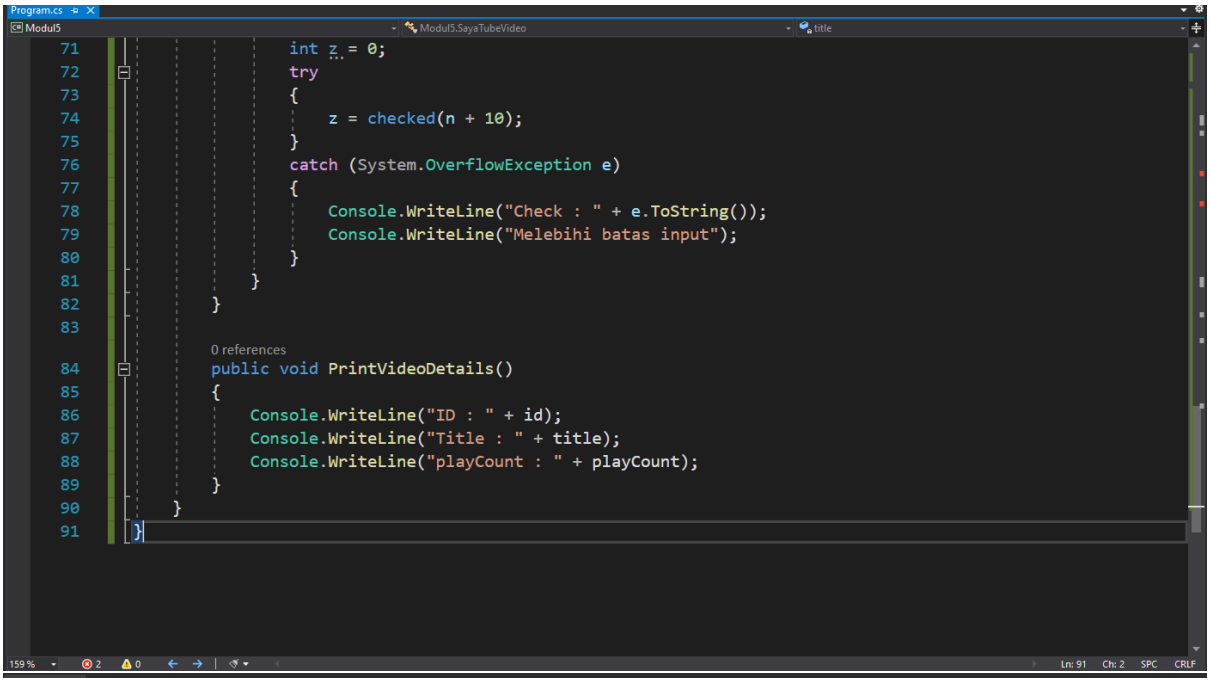




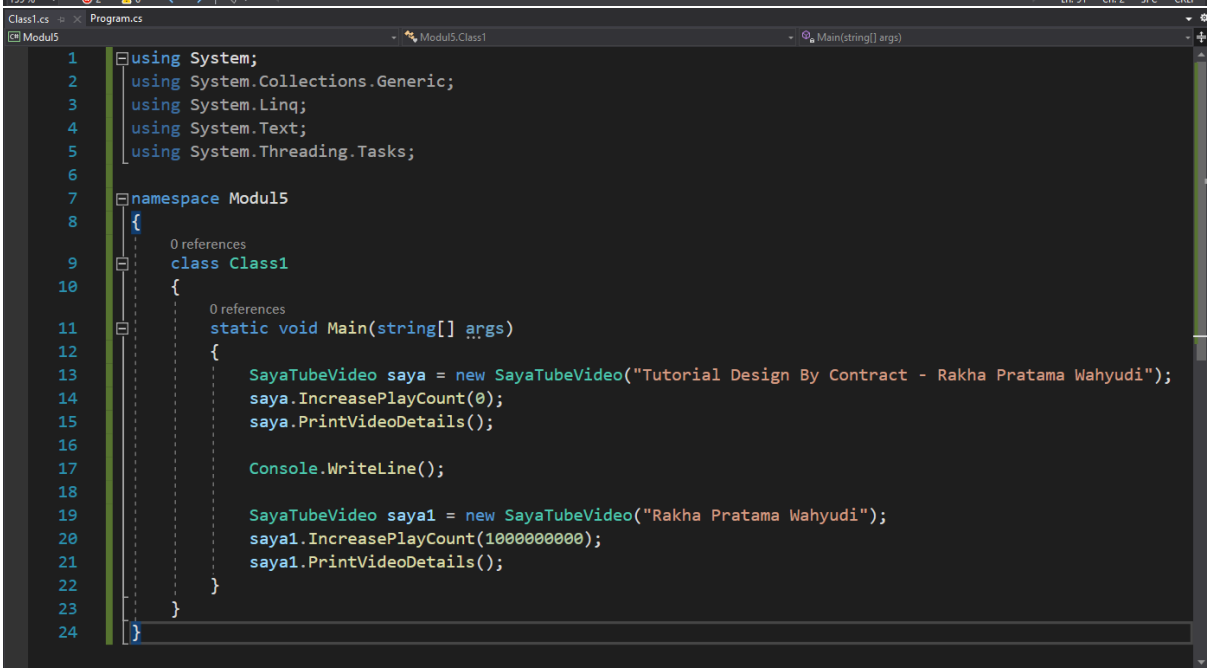
```
Program.cs
Modul5 | Modul5.SayaTubeVideo | title

        0 references
        public int GetTotalVideoPlayCoun()
        {


        }

        0 references
        public void AddVideo(SayaTubeVideo)
        {


        }

        0 references
        public void PrintAllVideoPlaycount()
        {


        }
    }

    class SayaTubeVideo
    {
        private int id;
        private String title;
        private int playCount;
```



```
Program.cs
Modul5 | Modul5.SayaTubeVideo | title

        private int playCount;

        0 references
        public SayaTubeVideo(string title)
        {
            this.title = title;
            var a = this.title.Substring(0, Math.Min(100, this.title.Length));
            Contract.Requires(this.title != null);
            String number = "";
            Random rnd = new Random();
            id = rnd.Next(1, 100000);
            number += id.ToString("D5");
            playCount = 0;

        }

        0 references
        public void IncreasePlayCount(int n)
        {
            if (n <= 10000000)
            {
                for (playCount = 0; playCount <= n; playCount++)
                {

                }
                int z = 0;
                try
```



```
Program.cs
Modul5 | Modul5.SayaTubeVideo | title
71              int z = 0;
72              try
73              {
74                  z = checked(n + 10);
75              }
76              catch (System.OverflowException e)
77              {
78                  Console.WriteLine("Check : " + e.ToString());
79                  Console.WriteLine("Melebihi batas input");
80              }
81          }
82      }
83
        0 references
84      public void PrintVideoDetails()
85      {
86          Console.WriteLine("ID : " + id);
87          Console.WriteLine("Title : " + title);
88          Console.WriteLine("playCount : " + playCount);
89      }
90  }
91  }
```



```
Class1.cs | Program.cs
Modul5 | Modul5.Class1 | Main(string[] args)
1   using System;
2   using System.Collections.Generic;
3   using System.Linq;
4   using System.Text;
5   using System.Threading.Tasks;
6
7   namespace Modul5
8   {
        0 references
9       class Class1
10      {
            0 references
11          static void Main(string[] args)
12          {
13              SayaTubeVideo saya = new SayaTubeVideo("Tutorial Design By Contract - Rakha Pratama Wahyudi");
14              saya.IncreasePlayCount(0);
15              saya.PrintVideoDetails();
16
17              Console.WriteLine();
18
19              SayaTubeVideo saya1 = new SayaTubeVideo("Rakha Pratama Wahyudi");
20              saya1.IncreasePlayCount(1000000000);
21              saya1.PrintVideoDetails();
22          }
23      }
24  }
```