

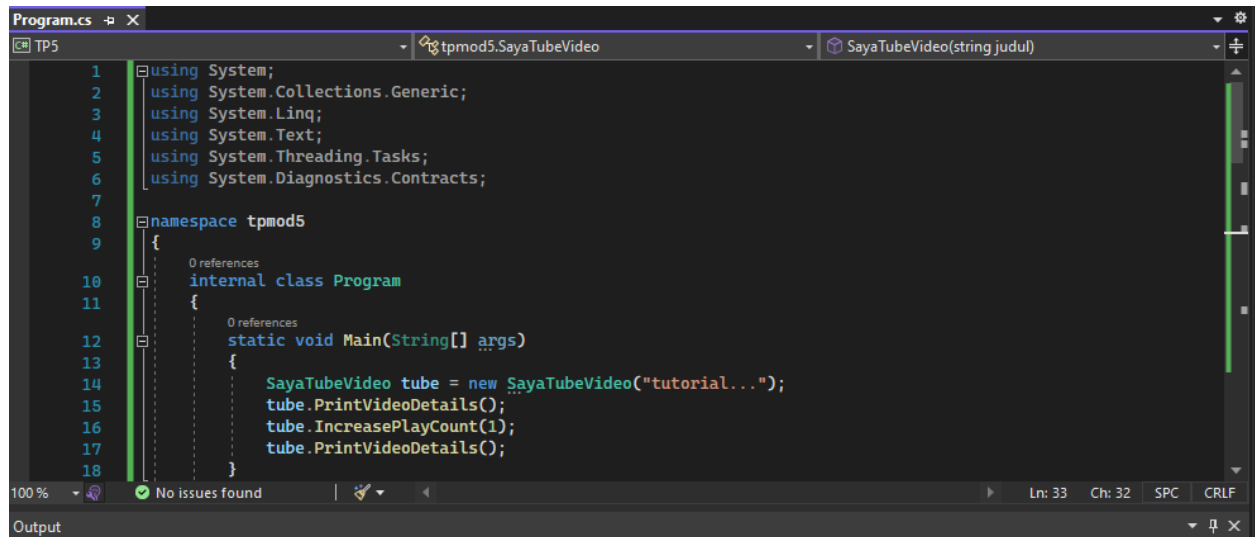
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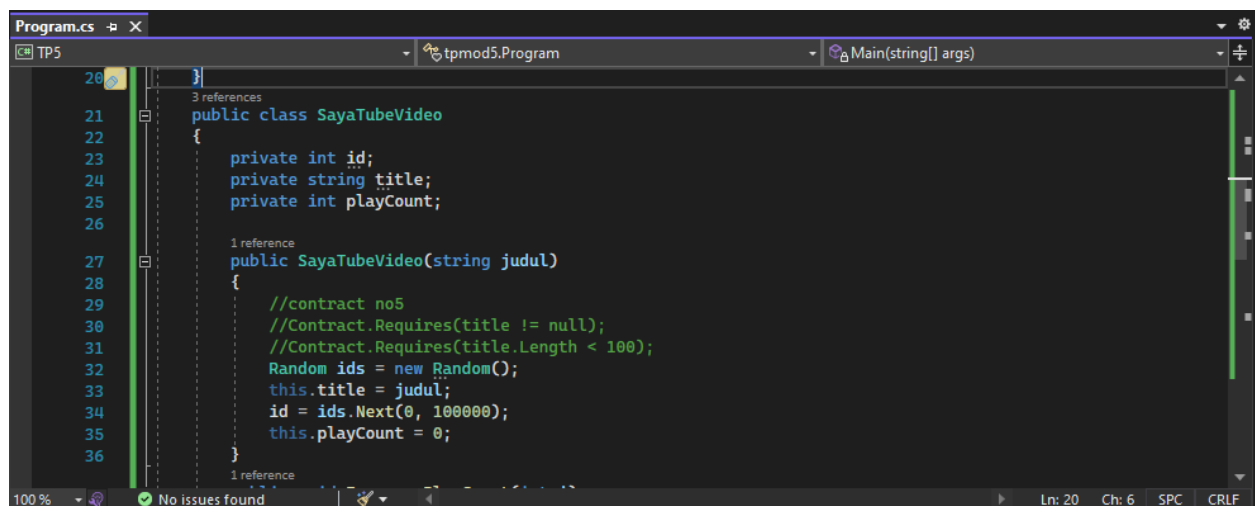
NIM : 1302204112

TP 5 KPL

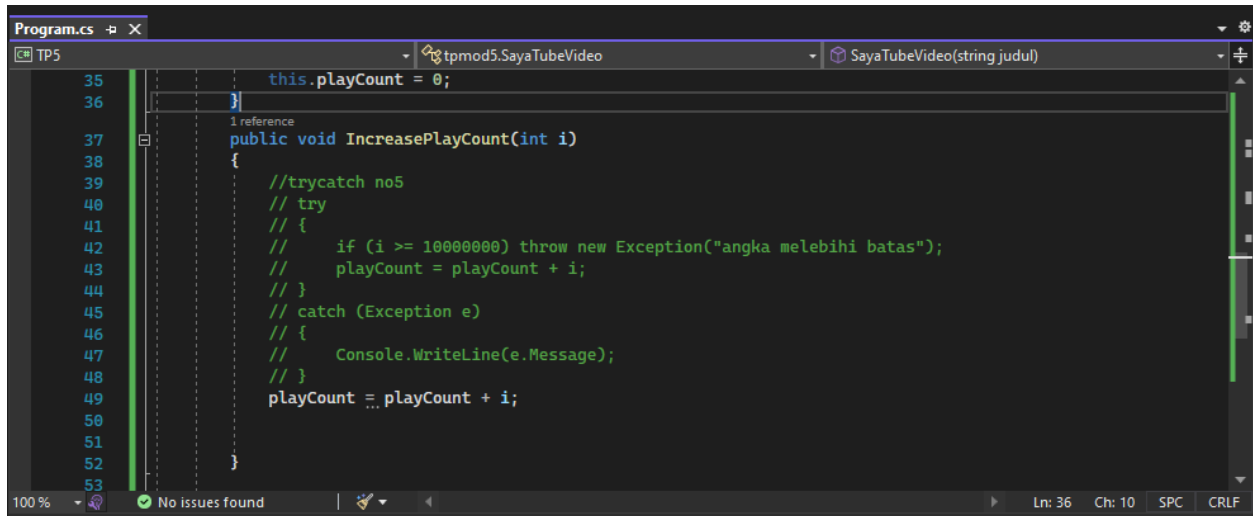
Link github :



```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6 using System.Diagnostics.Contracts;
7
8 namespace tpmod5
9 {
10     internal class Program
11     {
12         static void Main(String[] args)
13         {
14             SayaTubeVideo tube = new SayaTubeVideo("tutorial...");
15             tube.PrintVideoDetails();
16             tube.IncreasePlayCount(1);
17             tube.PrintVideoDetails();
18         }
19     }
20 }
```



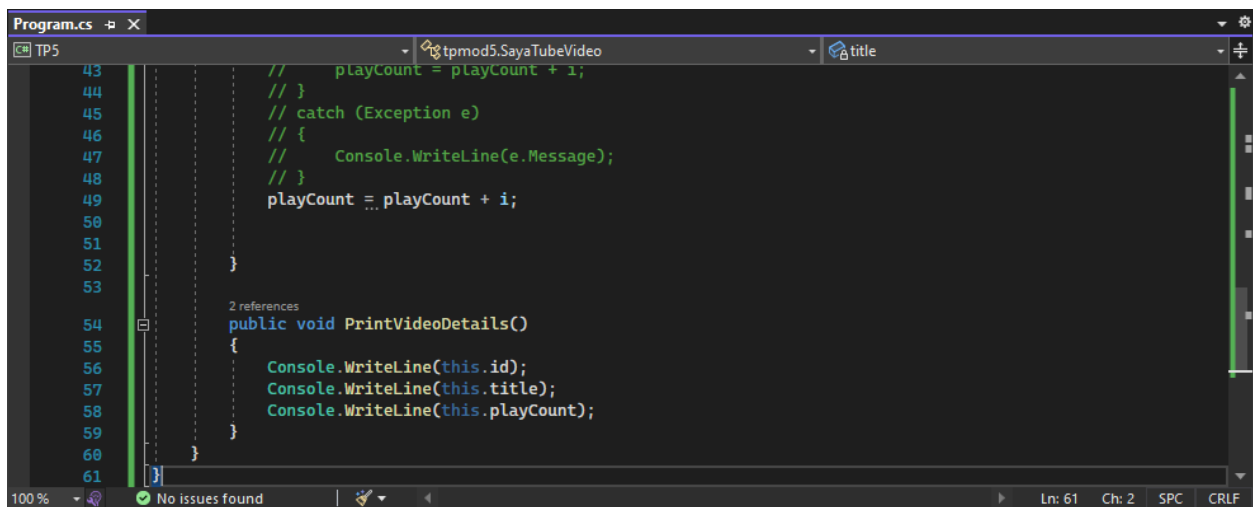
```
20 }
21 public class SayaTubeVideo
22 {
23     private int id;
24     private string title;
25     private int playCount;
26
27     public SayaTubeVideo(string judul)
28     {
29         //contract no5
30         //Contract.Requires(title != null);
31         //Contract.Requires(title.Length < 100);
32         Random ids = new Random();
33         this.title = judul;
34         id = ids.Next(0, 100000);
35         this.playCount = 0;
36     }
37 }
```



This screenshot shows the Visual Studio IDE with the file `Program.cs` open. The editor is displaying the `IncreasePlayCount` method of the `tpmod5.SayaTubeVideo` class. The method signature is `public void IncreasePlayCount(int i)`. The code includes a try-catch block to handle a potential exception if the play count exceeds 10,000,000. The status bar at the bottom indicates 'No issues found' and the cursor is at line 36, column 10.

```
35         this.playCount = 0;
36     }
37     1 reference
38     public void IncreasePlayCount(int i)
39     {
40         //trycatch no5
41         // try
42         // {
43         //     if (i >= 10000000) throw new Exception("angka melebihi batas");
44         //     playCount = playCount + i;
45         // }
46         // catch (Exception e)
47         // {
48         //     Console.WriteLine(e.Message);
49         // }
50         playCount = playCount + i;
51     }
52
53
```

100 % | No issues found | Ln: 36 Ch: 10 SPC CRLF



This screenshot shows the Visual Studio IDE with the file `Program.cs` open. The editor is displaying the `PrintVideoDetails` method of the `tpmod5.SayaTubeVideo` class. The method signature is `public void PrintVideoDetails()`. The code uses `Console.WriteLine` to output the video's ID, title, and play count. The status bar at the bottom indicates 'No issues found' and the cursor is at line 61, column 2.

```
43         playCount = playCount + 1;
44     }
45     // catch (Exception e)
46     // {
47     //     Console.WriteLine(e.Message);
48     // }
49     playCount = playCount + i;
50
51 }
52
53 2 references
54 public void PrintVideoDetails()
55 {
56     Console.WriteLine(this.id);
57     Console.WriteLine(this.title);
58     Console.WriteLine(this.playCount);
59 }
60
61
```

100 % | No issues found | Ln: 61 Ch: 2 SPC CRLF

Hasil run

```
Microsoft Visual Studio Debug Console
76750
tutorial...
0
76750
tutorial...
1

D:\MATA KULIAH SEMESTER 4\KONSTRUKSI PERANGKAT LUNAK PRAKTIKUM\TP5\TP5\bin\Debug\net6.0\TP5.exe (process 12264) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```