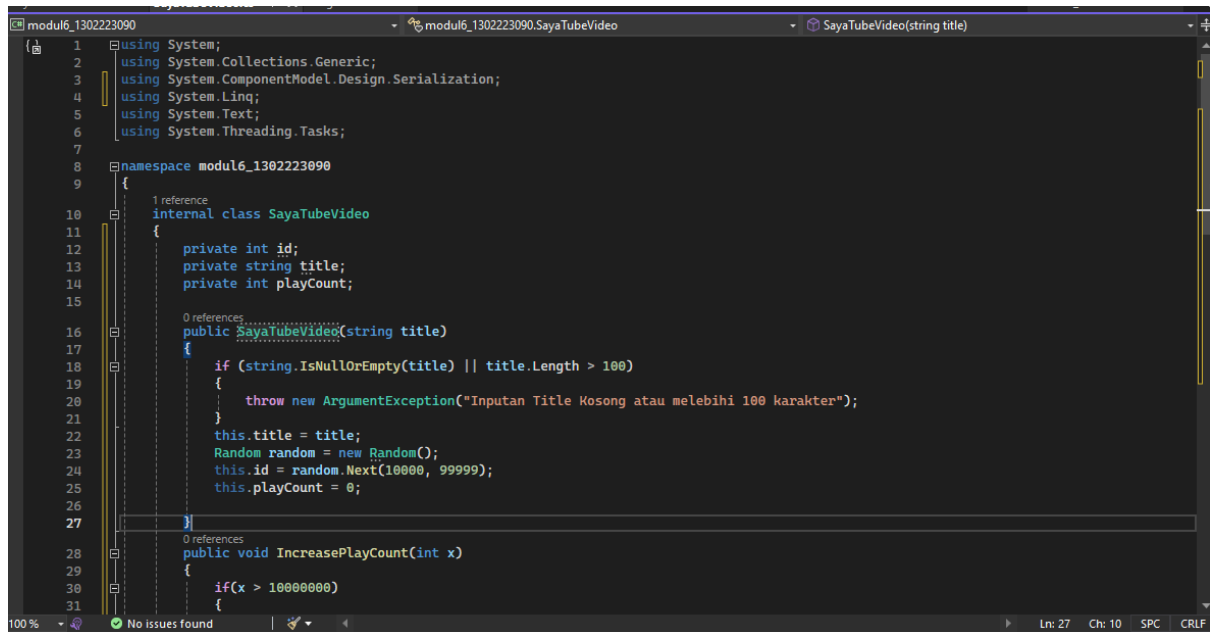


Nama : Fersya Zufar

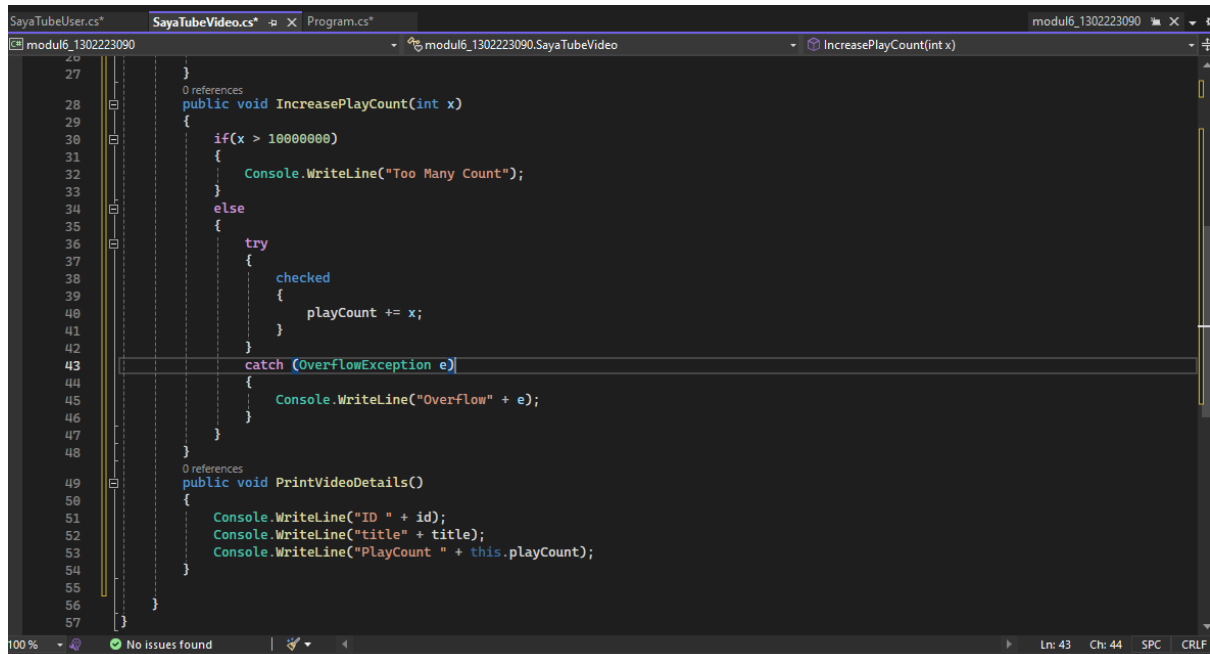
NIM : 1302223090

Link github

https://github.com/zfersya/modul6_1302223090



```
1  using System;
2  using System.Collections.Generic;
3  using System.ComponentModel.Design.Serialization;
4  using System.Linq;
5  using System.Text;
6  using System.Threading.Tasks;
7
8  namespace modul6_1302223090
9  {
10     1 reference
11     internal class SayaTubeVideo
12     {
13         private int id;
14         private string title;
15         private int playCount;
16
17         0 references
18         public SayaTubeVideo(string title)
19         {
20             if (string.IsNullOrEmpty(title) || title.Length > 100)
21             {
22                 throw new ArgumentException("Inputan Title Kosong atau melebihi 100 karakter");
23             }
24             this.title = title;
25             Random random = new Random();
26             this.id = random.Next(10000, 99999);
27             this.playCount = 0;
28         }
29
30         0 references
31         public void IncreasePlayCount(int x)
32         {
33             if(x > 10000000)
34             {
35             }
36         }
37     }
38 }
```



```
27     }
28
29     0 references
30     public void IncreasePlayCount(int x)
31     {
32         if(x > 10000000)
33         {
34             Console.WriteLine("Too Many Count");
35         }
36         else
37         {
38             try
39             {
40                 checked
41                 {
42                     playCount += x;
43                 }
44             }
45             catch (OverflowException e)
46             {
47                 Console.WriteLine("Overflow" + e);
48             }
49         }
50
51         0 references
52         public void PrintVideoDetails()
53         {
54             Console.WriteLine("ID " + id);
55             Console.WriteLine("title" + title);
56             Console.WriteLine("PlayCount " + this.playCount);
57         }
58     }
59 }
```

```
SayaTubeUser.cs  SayaTubeVideos.cs  Program.cs  module_1302223090
module_1302223090  module_1302223090.SayaTubeUser  PrintAllVideoPlaycount()

20
21     this.Username = username;
22     Random random = new Random();
23     this.id = random.Next(10000, 99999);
24     uploadedVideo = new List<SayaTubeVideo>();
25
26 }
27
28 0 references
29 public int GetTotalVideoPlayCount()
30 {
31     return uploadedVideo.Count;
32 }
33 8 references
34 public void addVideo(SayaTubeVideo x)
35 {
36     uploadedVideo.Add(x);
37 }
38 1 reference
39 public void PrintAllVideoPlaycount()
40 {
41     Console.WriteLine("User:" + Username);
42     for (int i = 0; i < uploadedVideo.Count; i++)
43     {
44         Console.WriteLine("Video " + i + " Judul Film " + uploadedVideo[i].gettitle());
45     }
46 }
47
48 }
```

This screenshot shows the implementation of the `SayaTubeVideo` class methods in the `modul6_1302223090` namespace. The code is as follows:

```
27 }
28 1 reference
29 public string gettitle()
30 {
31     return this.title;
32 }
33 0 references
34 public int getPlaycount()
35 {
36     return this.playCount;
37 }
38 8 references
39 public void IncreasePlayCount(int x)
40 {
41     if(x > 10000000)
42     {
43         Console.WriteLine("Too Many Count");
44     }
45     else
46     {
47         try
48         {
49             checked
50             {
51                 playCount += x;
52             }
53         }
54         catch (OverflowException e)
55         {
56             Console.WriteLine("Overflow" + e);
57         }
58     }
59 }
```

The status bar at the bottom indicates "No issues found" and the cursor is at line 61, column 46.

This screenshot shows the initialization and properties of the `SayaTubeVideo` class in the `modul6_1302223090` namespace. The code is as follows:

```
1 using System;
2 using System.Collections.Generic;
3 using System.ComponentModel.Design.Serialization;
4 using System.Linq;
5 using System.Text;
6 using System.Threading.Tasks;
7
8 namespace modul6_1302223090
9 {
10     24 references
11     internal class SayaTubeVideo
12     {
13         private int id;
14         private string title;
15         private int playCount;
16
17         8 references
18         public SayaTubeVideo(string title)
19         {
20             if (string.IsNullOrEmpty(title) || title.Length > 100)
21             {
22                 throw new ArgumentException("Inputan Title Kosong atau melebihi 100 karakter");
23             }
24             this.title = title;
25             Random random = new Random();
26             this.id = random.Next(10000, 99999);
27             this.playCount = 0;
28         }
29
30         1 reference
31         public string gettitle()
32         {
33             return this.title;
34         }
35     }
36 }
```

The status bar at the bottom indicates the cursor is at line 61, column 46.

```
SayaTubeUser.cs  SayaTubeVideo.cs  Program.cs  modul6_1302223090
modul6_1302223090  modul6_1302223090.SayaTubeVideo  PrintVideoDetails()
42  else
43  {
44      try
45      {
46          checked
47          {
48              playCount += x;
49          }
50      }
51      catch (OverflowException e)
52      {
53          Console.WriteLine("Overflow" + e);
54      }
55  }
56
57  0 references
58  public void PrintVideoDetails()
59  {
60      Console.WriteLine("ID " + id);
61      Console.WriteLine("title" + title);
62      Console.WriteLine("PlayCount " + playCount);
63  }
64
65
66
```

```
SayaTubeUser.cs  SayaTubeVideo.cs  Program.cs  modul6_1302223090
modul6_1302223090  modul6_1302223090.Program  Main(string[] args)
1  namespace modul6_1302223090
2  {
3      0 references
4      internal class Program
5      {
6          0 references
7          public static void Main(string[] args)
8          {
9              SayaTubeUser username = new SayaTubeUser("Ijup");
10             SayaTubeVideo vid1 = new SayaTubeVideo("Review Film KongKong oleh ijup");
11             SayaTubeVideo vid2 = new SayaTubeVideo("Review Film gozilla oleh ijup");
12             SayaTubeVideo vid3 = new SayaTubeVideo("Review Film Dun oleh ijup");
13             SayaTubeVideo vid4 = new SayaTubeVideo("Review Film Perang Bintang oleh ijup");
14             SayaTubeVideo vid5 = new SayaTubeVideo("Review Film Jamesbon oleh ijup");
15             SayaTubeVideo vid6 = new SayaTubeVideo("Review Film Startrek oleh ijup");
16             SayaTubeVideo vid7 = new SayaTubeVideo("Review Film starship oleh ijup");
17             SayaTubeVideo vid8 = new SayaTubeVideo("Review Film initiald oleh ijup");
18
19             username.addVideo(vid1);
20             username.addVideo(vid2);
21             username.addVideo(vid3);
22             username.addVideo(vid4);
23             username.addVideo(vid5);
24             username.addVideo(vid6);
25             username.addVideo(vid7);
26             username.addVideo(vid8);
27
28             vid1.IncreasePlayCount(3);
29             vid2.IncreasePlayCount(3);
30             vid3.IncreasePlayCount(3);
31             vid4.IncreasePlayCount(3);
32             vid5.IncreasePlayCount(3);
33
100%  No issues found  Ln: 36  Ch: 6  SPC  CRLF
```

