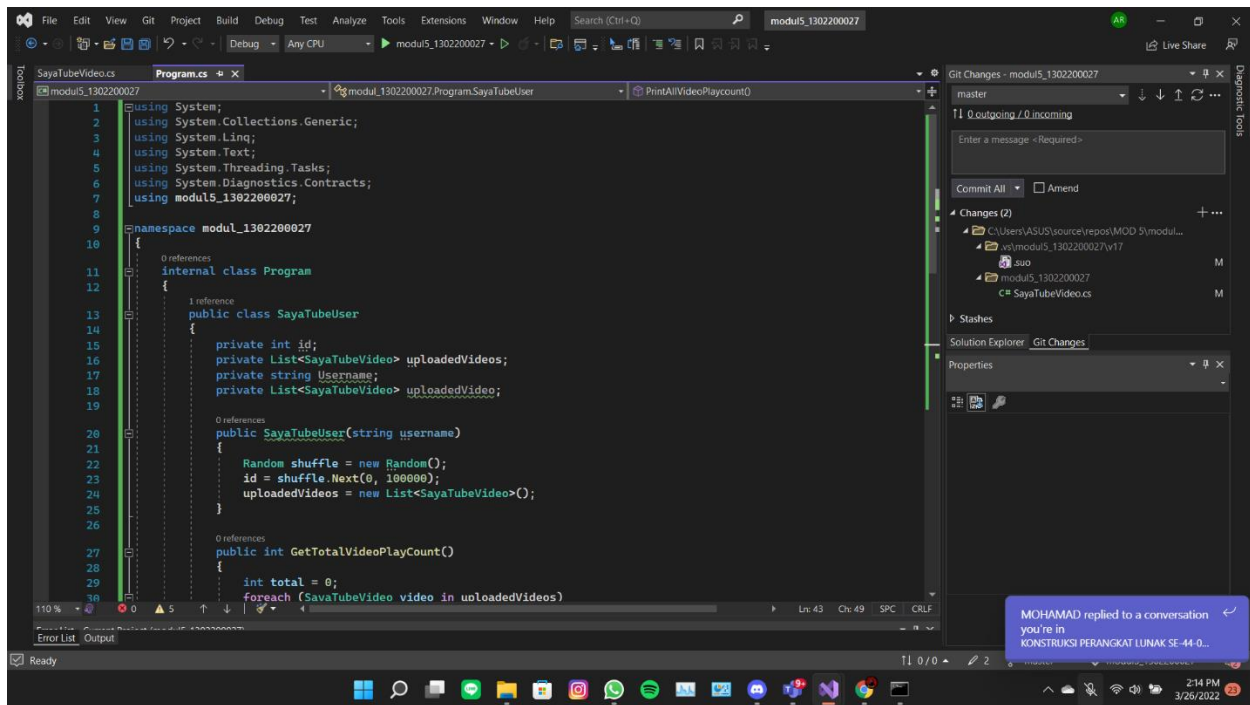


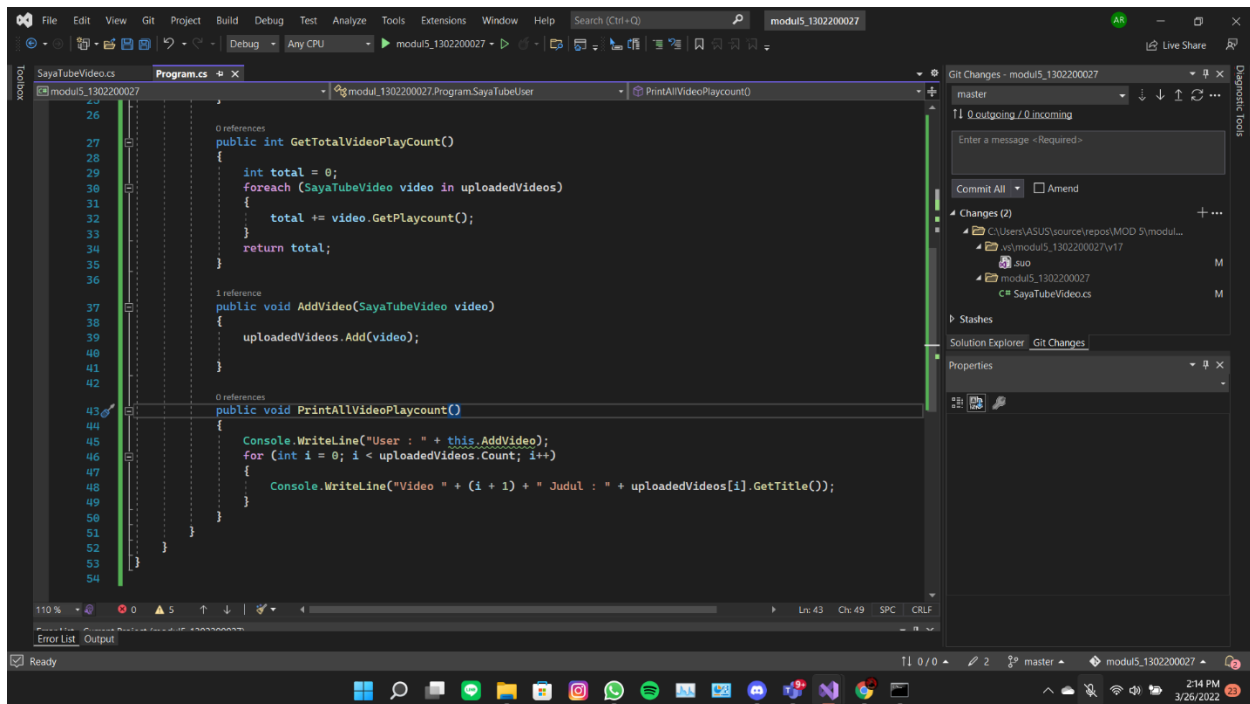
Nama : Achmad Rizky

NIM : 1302200027

Kelas : SE4403



```
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 using modul5_1302200027;
8
9 namespace modul_1302200027
10 {
11     internal class Program
12     {
13         1 reference
14         public class SayaTubeUser
15         {
16             private int id;
17             private List<SayaTubeVideo> uploadedVideos;
18             private string Username;
19             private List<SayaTubeVideo> uploadedVideo;
20
21             0 references
22             public SayaTubeUser(string username)
23             {
24                 Random shuffle = new Random();
25                 id = shuffle.Next(0, 100000);
26                 uploadedVideos = new List<SayaTubeVideo>();
27
28             0 references
29             public int GetTotalVideoPlayCount()
30             {
31                 int total = 0;
32                 foreach (SayaTubeVideo video in uploadedVideos)
```

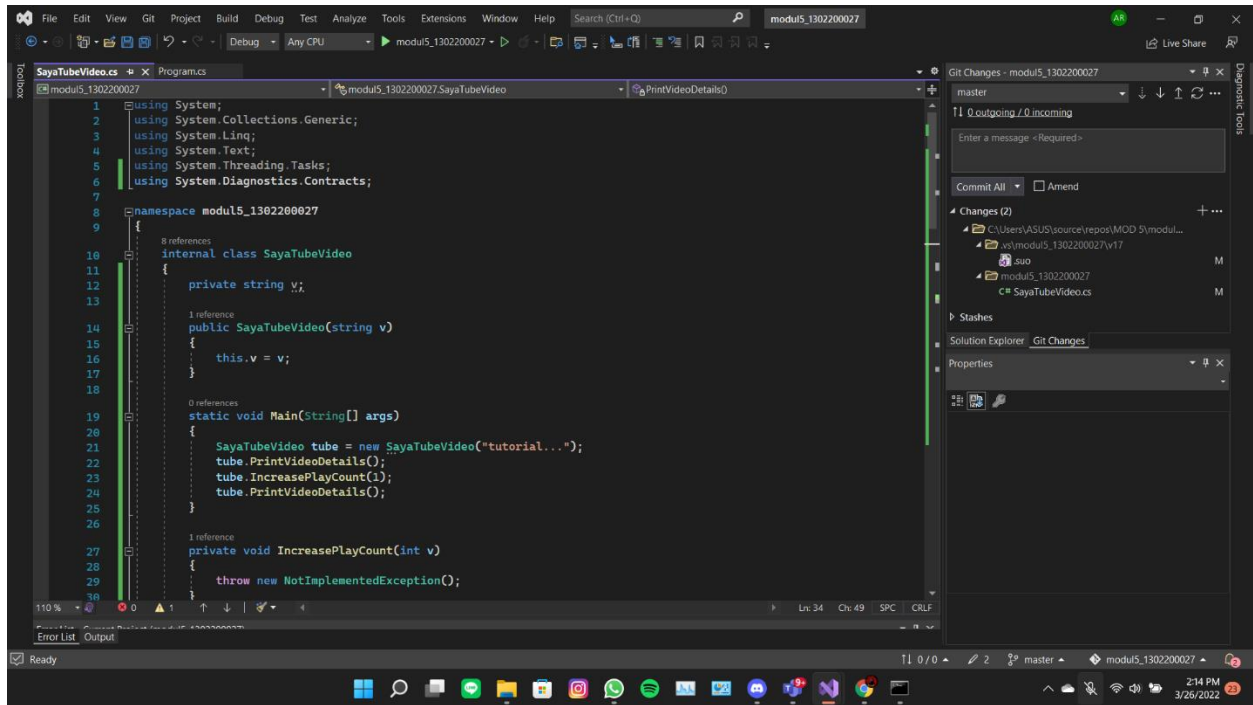


```
27 public int GetTotalVideoPlayCount()
28 {
29     int total = 0;
30     foreach (SayaTubeVideo video in uploadedVideos)
31     {
32         total += video.GetPlaycount();
33     }
34     return total;
35 }
36
37 1 reference
38 public void AddVideo(SayaTubeVideo video)
39 {
40     uploadedVideos.Add(video);
41 }
42
43 0 references
44 public void PrintAllVideoPlaycount()
45 {
46     Console.WriteLine("User : " + this.AddVideo());
47     for (int i = 0; i < uploadedVideos.Count; i++)
48     {
49         Console.WriteLine("Video " + (i + 1) + " Judul : " + uploadedVideos[i].GetTitle());
50     }
51 }
52
53 }
54 }
```

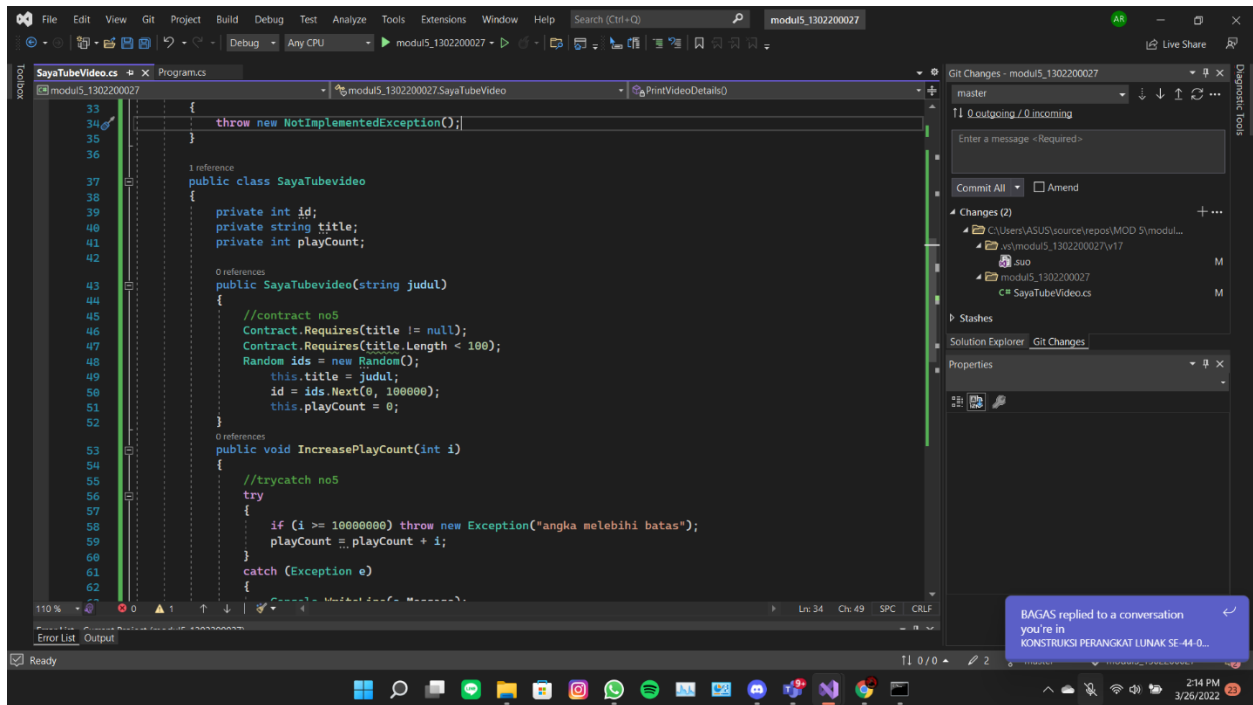
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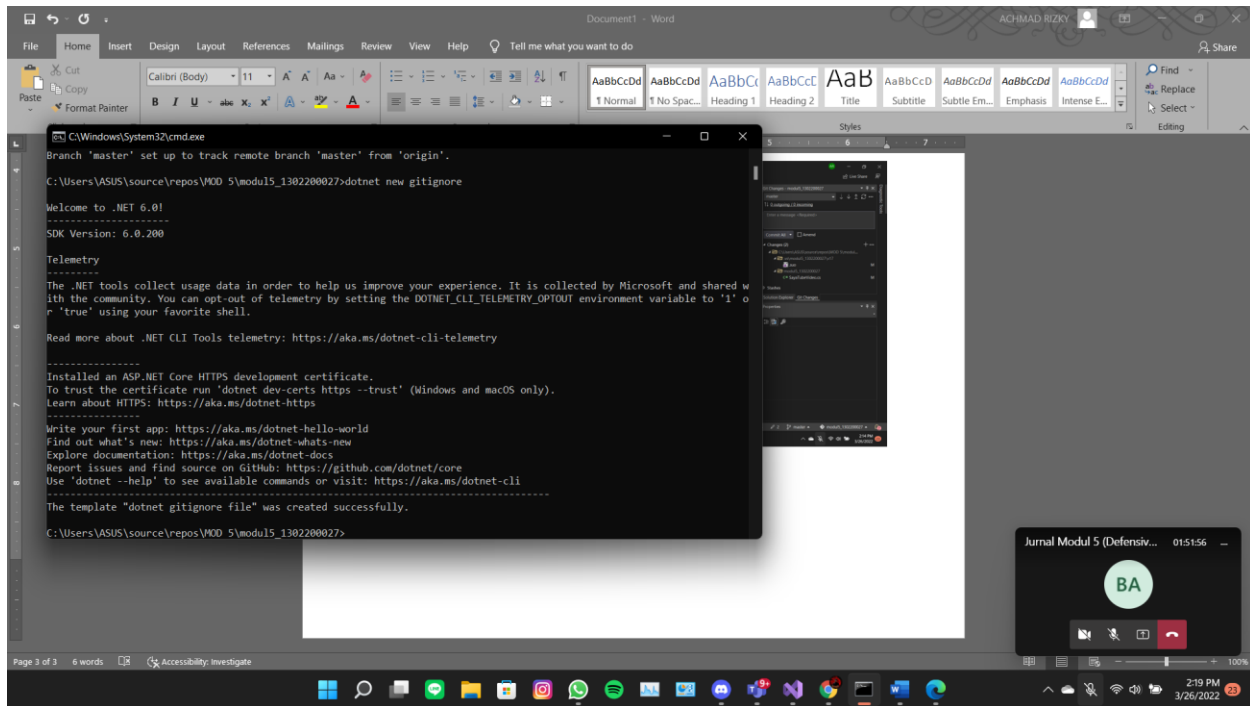


```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6 using System.Diagnostics.Contracts;
7
8 namespace moduls_1302200027
9 {
10     8 references
11     internal class SayaTubeVideo
12     {
13         private string v;
14
15         1 reference
16         public SayaTubeVideo(string v)
17         {
18             this.v = v;
19         }
20
21         0 references
22         static void Main(String[] args)
23         {
24             SayaTubeVideo tube = new SayaTubeVideo("tutorial...");
25             tube.PrintVideoDetails();
26             tube.IncreasePlayCount(1);
27             tube.PrintVideoDetails();
28         }
29
30         1 reference
31         private void IncreasePlayCount(int v)
32         {
33             throw new NotImplementedException();
34         }
35     }
36 }
```



```
33
34
35     throw new NotImplementedException();
36
37     1 reference
38     public class SayaTubeVideo
39     {
40         private int id;
41         private string title;
42         private int playCount;
43
44         0 references
45         public SayaTubeVideo(string judul)
46         {
47             //contract no5
48             Contract.Requires(title != null);
49             Contract.Requires(title.Length < 100);
50             Random ids = new Random();
51             this.title = judul;
52             id = ids.Next(0, 1000000);
53             this.playCount = 0;
54         }
55
56         0 references
57         public void IncreasePlayCount(int i)
58         {
59             //trycatch no5
60             try
61             {
62                 if (i >= 10000000) throw new Exception("angka melebihi batas");
63                 playCount = playCount + i;
64             }
65             catch (Exception e)
66             {
67             }
68         }
69     }
70 }
```

**Kelas : SE4403**



Link Github : [https://github.com/ARZxz/Jurnal\\_MOD5\\_KPL.git](https://github.com/ARZxz/Jurnal_MOD5_KPL.git)