

Nama : Irham Baehaqi

NIM : 1302220063

Kelas : SE-46-03

Kode Asprak : RAW

1.Link Repository :

<https://github.com/IrhamBae/jurnal6>

2.Hasil run :

```
Microsoft Visual Studio Debug Console
User : Irham
Video 1
Video 2
Video 3
Video 4
Video 5
Video 6
Video 7
Video 8
Video 9

C:\Users\PRAKTIKAN\Music\jurnal6\jurnal6\bin\Debug\net8.0\jurnal6.exe (process 13836) exited with code 0.
Press any key to close this window . . .
```

3.code :

```
1 using System;
2
3 public class SayaTubeVideo
4 {
5     internal string getTitle;
6     internal int getPlayCount;
7     private int id;
8     private string title;
9     private int playCount;
10
11     public SayaTubeVideo(string title)
12     {
13         if (title == null || title.Length > 100)
14         {
15             throw new ArgumentNullException("Judul video harus memiliki panjang maksimal 100 karakter dan tidak boleh null");
16         }
17
18         Random random = new Random();
19         id = random.Next(10000, 99999);
20
21         this.title = title;
22         playCount = 0;
23     }
24
25     public void IncreasePlayCount(int count)
26     {
27         try
28         {
29             checked
30             {
31                 playCount += count;
32             }
33         }
34         catch (OverflowException ex)
35         {
36             Console.WriteLine($"ERROR: {ex.Message}");
37         }
38     }
39 }
```

```

40     0 references
41     public void PrinVideoDetails()
42     {
43         Console.WriteLine($"Video ID      : {id}");
44         Console.WriteLine($"Judul       : {title}");
45         Console.WriteLine($"Jumlah Tayangan : {playCount}");
46     }
47

```

```

48     3 references
49     public class SayaTubeUser
50     {
51         private int id;
52         private List<SayaTubeVideo> uploadVideos;
53         private string username;
54
55         1 reference
56         public SayaTubeUser(string username)
57         {
58             this.username = username;
59             uploadVideos = new List<SayaTubeVideo>();
60
61         0 references
62         public int getTotalVideosPlayCount()
63         {
64             int total = 0;
65             foreach (var item in uploadVideos)
66             {
67                 total = total + item.getPlayCount();
68             }
69             return total;
70
71         10 references
72         public void AddVideo(SayaTubeVideo video)
73         {
74             uploadVideos.Add(video);
75
76         1 reference
77         public void PrintAllVideoPlayCount()
78         {
79             Console.WriteLine("User : " + this.username);
80             for (int i = 1; i < uploadVideos.Count; i++)
81             {
82                 SayaTubeVideo item = uploadVideos[i];
83                 Console.WriteLine("Video " + i + " " + item.getTitle);
84             }
85         }
86

```

```

87 0 references
88 public class Program
89 {
90     0 references
91     public static void Main(string[] args)
92     {
93         SayaTubeUser user = new SayaTubeUser("Irham");
94         SayaTubeVideo vid = new SayaTubeVideo("video Memanggang");
95         SayaTubeVideo vid1 = new SayaTubeVideo("video Memanggang");
96         SayaTubeVideo vid2 = new SayaTubeVideo("video Memanggang");
97         SayaTubeVideo vid3 = new SayaTubeVideo("video Memanggang");
98         SayaTubeVideo vid4 = new SayaTubeVideo("video Memanggang");
99         SayaTubeVideo vid5 = new SayaTubeVideo("video Memanggang");
100        SayaTubeVideo vid6 = new SayaTubeVideo("video Memanggang");
101        SayaTubeVideo vid7 = new SayaTubeVideo("video Memanggang");
102        SayaTubeVideo vid8 = new SayaTubeVideo("video Memanggang");
103        SayaTubeVideo vid9 = new SayaTubeVideo("video Memanggang");
104        user.AddVideo(vid);
105        user.AddVideo(vid1);
106        user.AddVideo(vid2);
107        user.AddVideo(vid3);
108        user.AddVideo(vid4);
109        user.AddVideo(vid5);
110        user.AddVideo(vid6);
111        user.AddVideo(vid7);
112        user.AddVideo(vid8);
113        user.AddVideo(vid9);
114        user.PrintAllVideoPlayCount();
115    }

```

Program akan menampilkan nama user , judul video dan beberapa video yang diinput oleh user.