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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.