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```
Assignment5
Program.cs
1 using System.Collections.Generic;
2 namespace day8;
3 public class Program
4 {
5     public static void Main(string[] args)
6     {
7         Console.WriteLine("Enter the flight number:");
8         string flight_number = Console.ReadLine();
9
10        Dictionary<string, TimeSpan> dict = new Dictionary<string, TimeSpan>();
11        dict.Add("A87GM", new TimeSpan(12, 23, 00));
12        dict.Add("B78ME", new TimeSpan(8, 45, 30));
13        dict.Add("C7UHG", new TimeSpan(24, 30, 00));
14        dict.Add("D45TG", new TimeSpan(9, 23, 00));
15        dict.Add("E45CF", new TimeSpan(7, 15, 00));
16
17        Console.WriteLine(FlightStatus(flight_number, dict));
18    }
19
20    static string FlightStatus(string flight_number, Dictionary<string, TimeSpan> dict)
21    {
22        DateTime datetime = DateTime.Now;
23        TimeSpan currenttime = datetime.TimeOfDay;
24        if (dict.ContainsKey(flight_number))
25        {
26            TimeSpan dept = dict[flight_number];
27            if (dept > currenttime)
28            {
29                TimeSpan diff = dept - currenttime;
30                return $"Timetoflight = {diff.Duration}";
31            }
32            else
33            {
34                return $"Flight already left";
35            }
36        }
37        else
38        {
39            return "Check Flight number again ";
40        }
41    }
42 }
```

Output

Show output from: Debug

Error List | Output

Ready

Rainy days ahead 23°C

Microsoft Visual Studio Debug

Enter the flight number:
C7UHG
Timetoflight = 02:13:30.8193339

C:\Users\91701\Source\Repos\Assignment5\Assignment5\bin\Debug\net8.0\Assignment5.exe (process 16580) exited with code 0 (0x0).
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 . . .

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22:16 ENG IN 01-07-2025

```
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28            {
29                TimeSpan diff = dept - currenttime;
30                return $"Timetoflight = {diff.Duration}";
31            }
32            else
33            {
34                return $"Flight already left";
35            }
36        }
37        else
38        {
39            return "Invalid flight number,please check your flight number again ";
40        }
41    }
42 }
```

Output

Show output from: Debug

Error List | Output

Ready

Top Stories US Eyeing 500%...

Microsoft Visual Studio Debug

Enter the flight number:
DR56
Invalid flight number,please check your flight number again

C:\Users\91701\Source\Repos\Assignment5\Assignment5\bin\Debug\net8.0\Assignment5.exe (process 36492) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
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22:18 ENG IN 01-07-2025

Assignment5

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help | Search | Assignment5

Solution Explorer

Product.cs Program.cs

Assignment5

```
Product.cs
10 internal class Product
11 {
12     public string Productname;
13     public string Serialnumber;
14     public DateTime Purchasedate;
15     public double Cost;
16
17     public Product(string productname, string serialnumber, DateTime purchasedate, double cost)
18     {
19         Productname = productname;
20         Serialnumber = serialnumber;
21         Purchasedate = purchasedate;
22         Cost = cost;
23     }
24
25     public override string ToString()
26     {
27         return String.Format("{0,-15}{1,-15}{2,-15}{3,-15}",
28             Productname, Serialnumber, Purchasedate, Cost);
29     }
30
31 }
32
33 class Program
34 {
35     static void Main(string[] args)
36     {
37         ArrayList productList = new ArrayList();
38         productList.AddNew Product("Straightner", "HS456", DateTime.Parse("24-06-2018"), 1000);
39         productList.AddNew Product("Tiffinbox", "TB901", DateTime.Parse("08-02-2020"), 350);
40         productList.AddNew Product("Rope", "RP240", DateTime.Parse("13-05-2019"), 100);
41
42         Console.WriteLine(String.Format("{0,-15}{1,-15}{2,-15}{3,-15}",
43             "Product Name", "Serial Number", "Purchase Date", "Purchase Cost"));
44         foreach (Product p in productList)
45         {
46             Console.WriteLine(p.ToString());
47         }
48     }
49 }
50 
```

Microsoft Visual Studio Debug

Product Name	Serial Number	Purchase Date	Purchase Cost
Straightner	HS456	24-06-2018 00:00:00	1000
Tiffinbox	TB901	08-02-2020 00:00:00	350
Rope	RP240	13-05-2019 00:00:00	100

C:\Users\91701\Source\Repos\Assignment5\Assignment5\bin\Debug\net8.0\Assignment5.exe (process 25596) exited with code 0 (0x0).

Press any key to close this window . . .

No issues found

Output

Show output from: Build

Error List Output

Build succeeded

100% 11:03 02-07-2025

```
namespace Assignment5
{
    internal class Balls
    {
        private List<int> oversList = new List<int>();
        public void AddOversDetails(int oversBowled)
        {
            oversList.Add(oversBowled);
        }
        public int GetNoOfBallsBowled()
        {
            int totalBalls = 0;
            foreach (int over in oversList)
            {
                totalBalls += over * 6;
            }
            return totalBalls;
        }
    }

    class Balls
    {
        static void Main(string[] args)
        {
            Balls player = new Balls();
            Console.WriteLine("Enter the number of overs:");
            int overs = Convert.ToInt32(Console.ReadLine());
            player.AddOversDetails(overs);
            int balls = player.GetNoOfBallsBowled();
            Console.WriteLine($"Balls Bowled : {balls}");
        }
    }
}
```

Enter the number of overs:
24
Balls Bowled : 144

C:\Users\91701\Source\Repos\Assignment5\Assignment5\bin\Debug\net8.0\Assignment5.exe (process 11592) exited with code 0 (0x0).
Press any key to close this window . . .

Output

Show output from: Build
===== BUILD: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======

Build completed at 12:02 and took 00.488 seconds ======

Error List Output

Build succeeded

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Lakeview
{
    class Program
    {
        static void Main(string[] args)
        {
            Dictionary<string, List<string>> groups = new Dictionary<string, List<string>>();
            groups["Gold"] = new List<string> { "Tom", "Harry" };
            groups["Silver"] = new List<string> { "Sam", "Peter" };
            groups["Platinum"] = new List<string> { "John", "Steve" };
            Console.WriteLine("Group Name :");
            string groupName = Console.ReadLine();
            Console.WriteLine("Member Name:");
            string memberName = Console.ReadLine();
            if (groups.ContainsKey(groupName))
            {
                groups[groupName].Add(memberName);
                foreach (string member in groups[groupName])
                {
                    Console.WriteLine(member);
                }
            }
            else
            {
                Console.WriteLine("Invalid group name. Please enter Gold, Silver, or Platinum.");
            }
        }
    }
}
```

Group Name :
Gold
Member Name:
Meghana
Tom
Harry
Meghana

C:\Users\91701\Source\Repos\Assignment5\Assignment5\bin\Debug\net8.0\Assignment5.exe (process 8336) exited with code 0 (0x0).
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 . . .

Output

Show output from: Debug
'Assignment5.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.17\System.Collections.Concurrent.dll'. Skipped loading symbol file.
'Assignment5.exe' (CoreCLR: clrhost): loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.17\System.Text.Encoding.Extensions.dll'. Skipped loading symbol file.
The program '[8336] Assignment5.exe' has exited with code 0 (0x0).

Error List Output