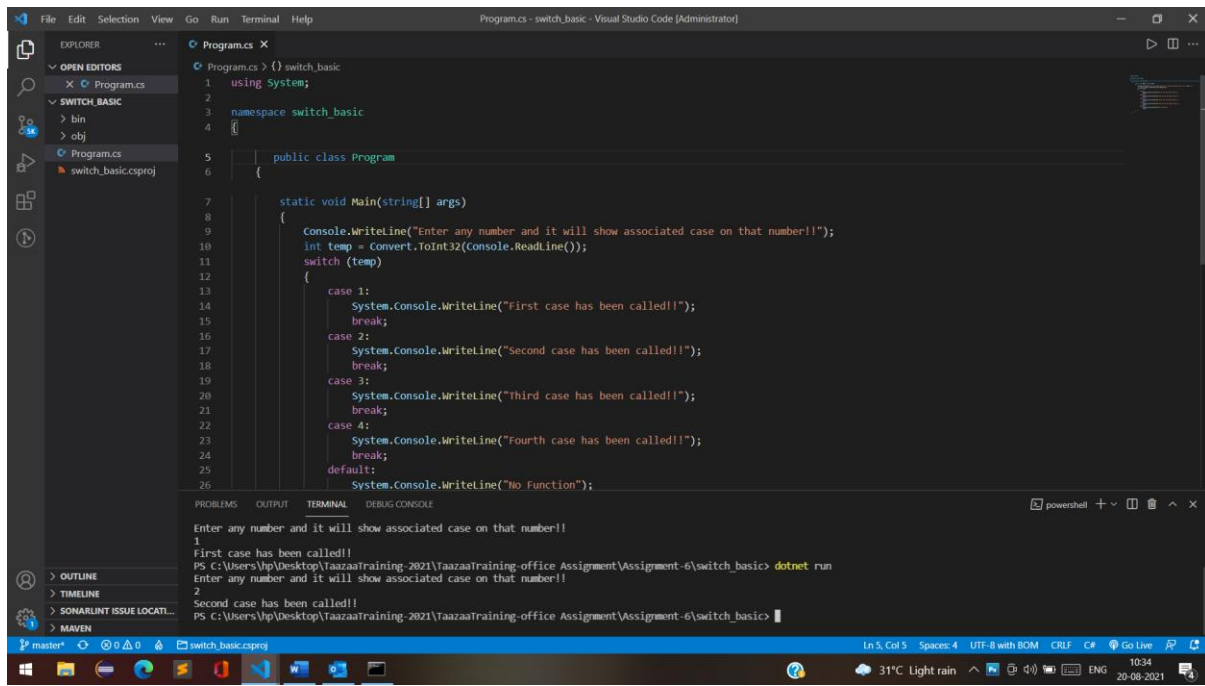


OUTPUT OF PROGRAM-1



The screenshot displays the Visual Studio Code interface with a C# program named `Program.cs` open. The program uses a `switch` statement to handle different input values. The terminal window at the bottom shows the execution output, including the prompt "Enter any number and it will show associated case on that number!!" and the results of the first two test cases.

```
1 using System;
2
3 namespace switch_basic
4 {
5     public class Program
6     {
7         static void Main(string[] args)
8         {
9             Console.WriteLine("Enter any number and it will show associated case on that number!!");
10            int temp = Convert.ToInt32(Console.ReadLine());
11            switch (temp)
12            {
13                case 1:
14                    System.Console.WriteLine("First case has been called!!");
15                    break;
16                case 2:
17                    System.Console.WriteLine("Second case has been called!!");
18                    break;
19                case 3:
20                    System.Console.WriteLine("Third case has been called!!");
21                    break;
22                case 4:
23                    System.Console.WriteLine("Fourth case has been called!!");
24                    break;
25                default:
26                    System.Console.WriteLine("No Function");
27            }
28        }
29    }
30 }
```

Terminal Output:

```
Enter any number and it will show associated case on that number!!
1
First case has been called!!
PS C:\Users\hp\Desktop\TaazaaTraining-2021\TaazaaTraining-office Assignment\Assignment-6\switch_basic> dotnet run
Enter any number and it will show associated case on that number!!
2
Second case has been called!!
PS C:\Users\hp\Desktop\TaazaaTraining-2021\TaazaaTraining-office Assignment\Assignment-6\switch_basic>
```

PROGRAM-2

SWITCH PROGRAM WITH GENERICS

```
using System;
using System.Collections.Generic;
namespace SwitchCaseProgram
{
    class Program
    {
        static void Main(string[] args)
        {
            List<string> list = new List< string>();
            int ch=0;
            while(ch>=0 && ch<5)
            {
                Console.WriteLine(" 1.) Add Student\n 2.) Update\n 3.) Search\n 4.) Delete\n 5.) Exit");
                ch = Convert.ToInt32(Console.ReadLine());
                switch(ch)
                {
                    case 1:
                        Console.WriteLine("Enter Student name");
                        string Sname = Console.ReadLine();
                        list.Add(Sname);
                        Console.WriteLine("New student Added!");
                        break;
                    case 2:
                        Console.WriteLine("Enter Student name to update");
                        string Name = Console.ReadLine();
                        if(list.Contains(Name))
                        {
                            Console.WriteLine("Enter Your Updated Name");
                            Sname = Console.ReadLine();
                            int index=list.IndexOf(Name);
                            list[index]=Sname;
                            Console.WriteLine("Student Name Updated!");
                            break;
                        }
                        else
                        {
                            Console.WriteLine("Student Does not exists");
                            break;
                        }
                    case 3:
                        Console.WriteLine("Enter Student name for Search");
```

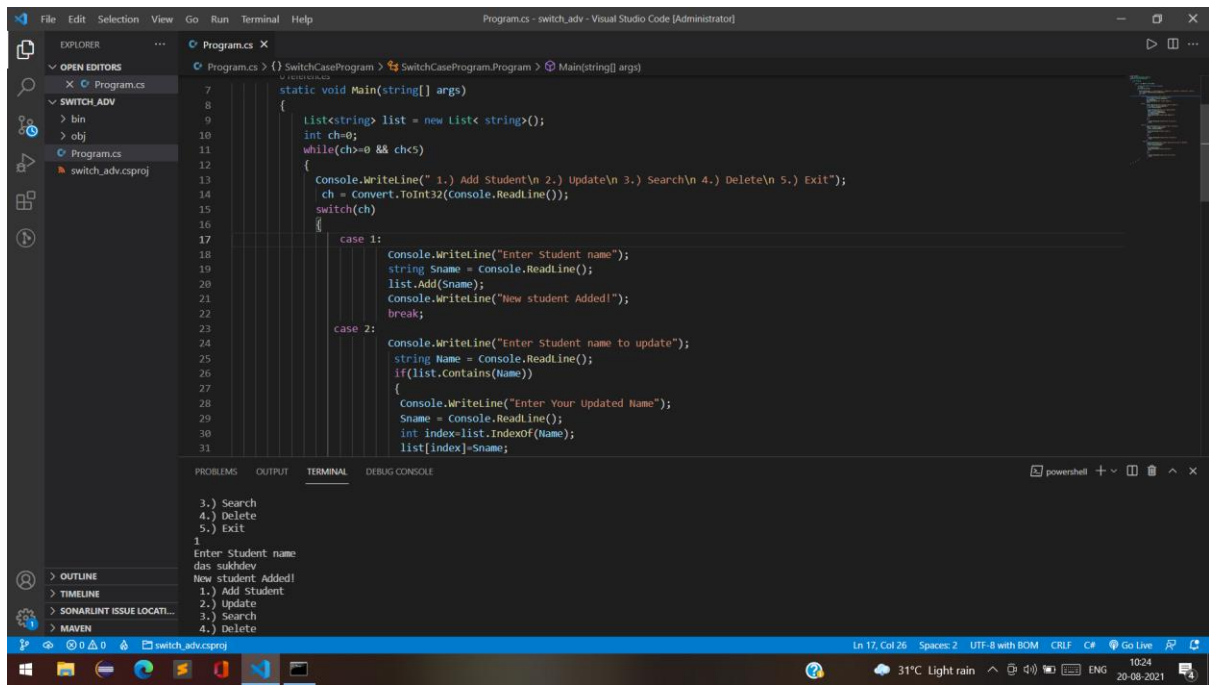
```

        Sname = (Console.ReadLine());
        if(list.Contains(Sname))
        {
            Console.WriteLine("Student Found!");
            break;
        }
        else
        {
            Console.WriteLine("Student Does not exists");
            break;
        }
    case 4:
        Console.WriteLine("Enter Student Name which you want to Delete");

        Sname=(Console.ReadLine());
        if(list.Contains(Sname))
        {
            list.Remove(Sname);
            Console.WriteLine("Student Deleted!");
            break;
        }
        else
        {
            Console.WriteLine("tudent Does not exists");
            break;
        }
    }
}
}
}
}

```

OUTPUT OF PROGRAM-2



```
File Edit Selection View Go Run Terminal Help
Program.cs - switch_adv - Visual Studio Code [Administrator]

EXPLORER
Program.cs
switch_adv.csproj

Program.cs
static void Main(string[] args)
{
    List<string> list = new List<string>();
    int ch=0;
    while(ch>=0 && ch<5)
    {
        Console.WriteLine(" 1.) Add Student\n 2.) Update\n 3.) Search\n 4.) Delete\n 5.) Exit");
        ch = Convert.ToInt32(Console.ReadLine());
        switch(ch)
        {
            case 1:
                Console.WriteLine("Enter Student name");
                string Sname = Console.ReadLine();
                list.Add(Sname);
                Console.WriteLine("New student Added!");
                break;
            case 2:
                Console.WriteLine("Enter Student name to update");
                string Name = Console.ReadLine();
                if(list.Contains(Name))
                {
                    Console.WriteLine("Enter Your Updated Name");
                    Sname = Console.ReadLine();
                    int index=list.IndexOf(Name);
                    list[index]=Sname;
                }
        }
    }
}
```

3.) Search
4.) Delete
5.) Exit
1
Enter Student name
das sukhdev
New student Added!