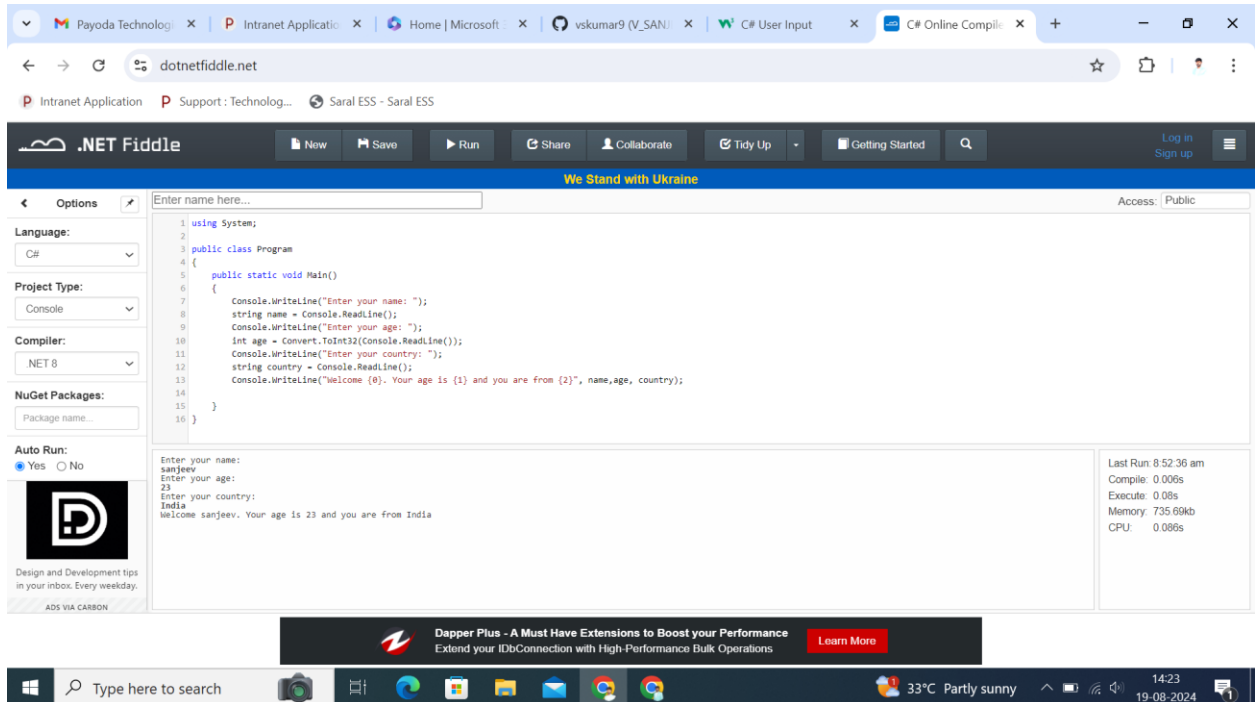


# 1 – DAY – TASK (19-08-2024)

## 1. Output:



The screenshot shows the .NET Fiddle web application. The browser tabs include Payoda Technology, Intranet Application, Home | Microsoft, vskumar9 (V\_SAN), C# User Input, and C# Online Compile. The address bar shows dotnetfiddle.net. The .NET Fiddle interface has a top bar with buttons for New, Save, Run, Share, Collaborate, Tidy Up, Getting Started, and a search icon. A banner for "We Stand with Ukraine" is visible. The left sidebar contains options for Language (C#), Project Type (Console), Compiler (NET 8), and NuGet Packages. The main editor shows a C# program that reads user input and prints it. The output console shows the following text:

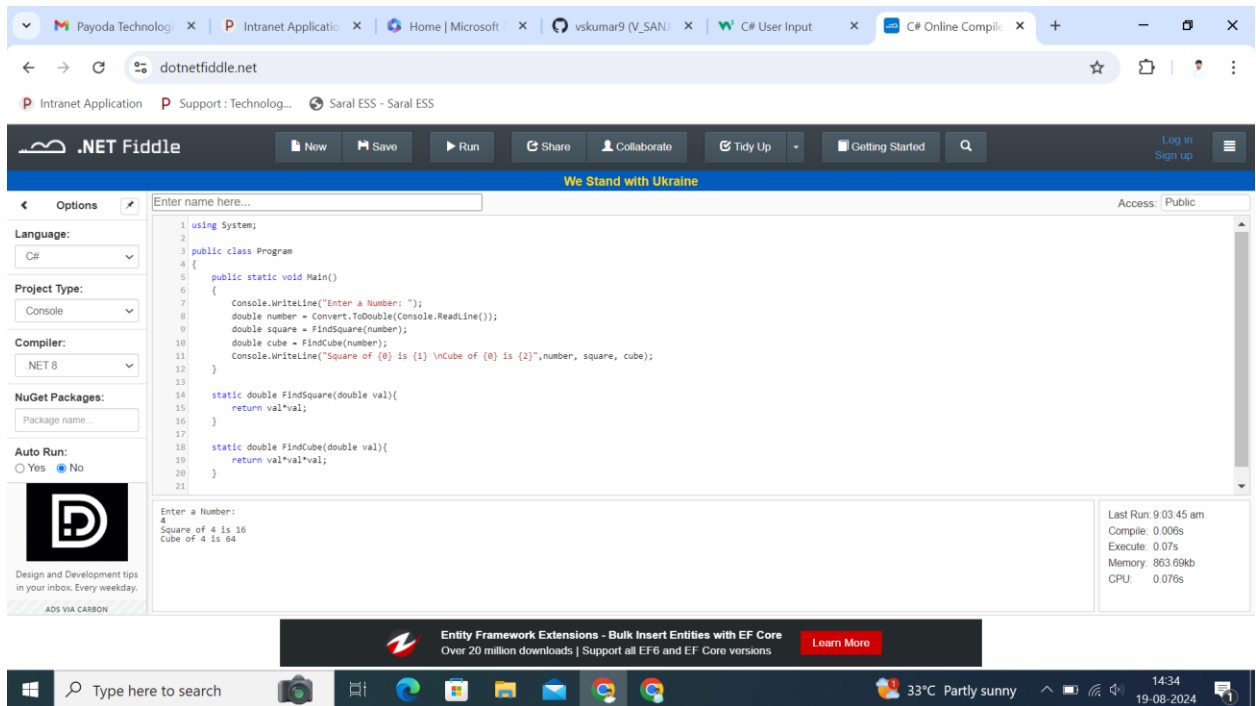
```
Enter your name:
sanjeev
Enter your age:
23
Enter your country:
India
Welcome sanjeev. Your age is 23 and you are from India
```

The right sidebar shows the last run details:

Last Run: 8:52:36 am	
Compile:	0.006s
Execute:	0.08s
Memory:	735.69kb
CPU:	0.086s

The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the date 19-08-2024 and time 14:23.

## 2. Output:



The screenshot shows the .NET Fiddle web application. The browser tabs include Payoda Technology, Intranet Application, Home | Microsoft, vskumar9 (V\_SAN), C# User Input, and C# Online Compile. The address bar shows dotnetfiddle.net. The .NET Fiddle interface has a top bar with buttons for New, Save, Run, Share, Collaborate, Tidy Up, Getting Started, and a search icon. A banner for "We Stand with Ukraine" is visible. The left sidebar contains options for Language (C#), Project Type (Console), Compiler (NET 8), and NuGet Packages. The main editor shows a C# program that calculates the square and cube of a number. The output console shows the following text:

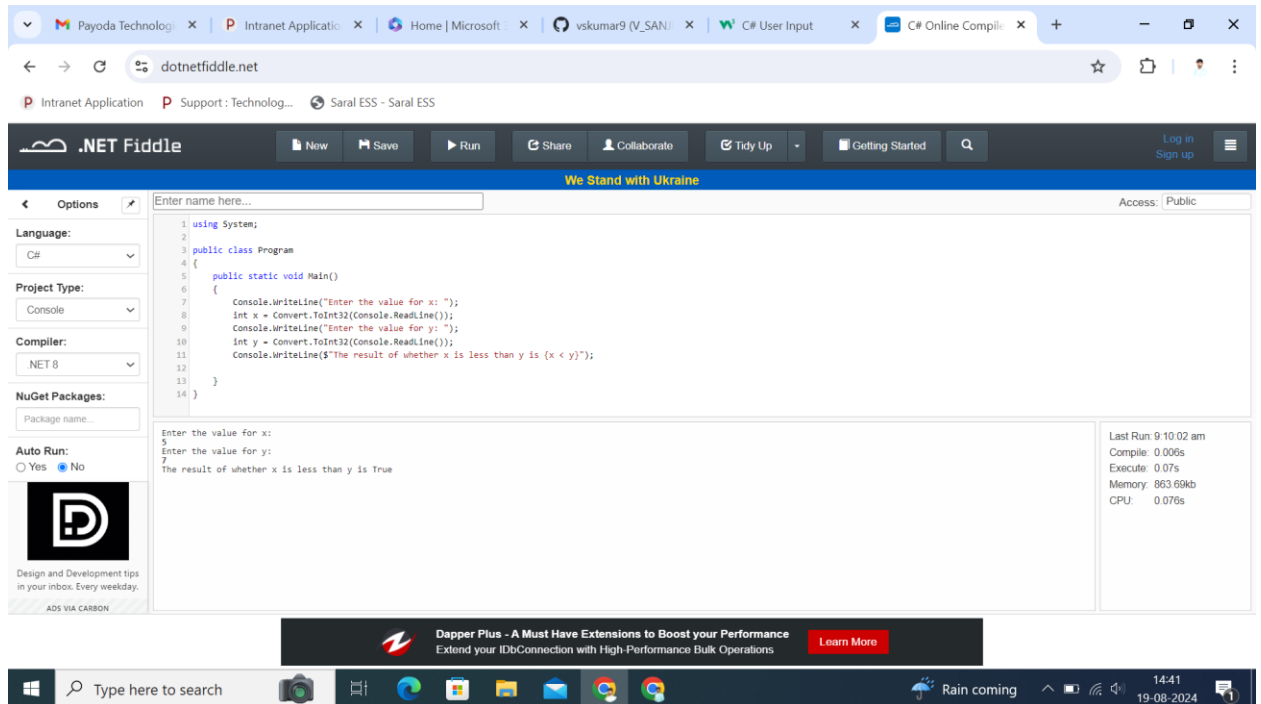
```
Enter a Number:
4
Square of 4 is 16
Cube of 4 is 64
```

The right sidebar shows the last run details:

Last Run: 9:03:45 am	
Compile:	0.006s
Execute:	0.07s
Memory:	863.69kb
CPU:	0.076s

The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the date 19-08-2024 and time 14:34.

### 3. Output:



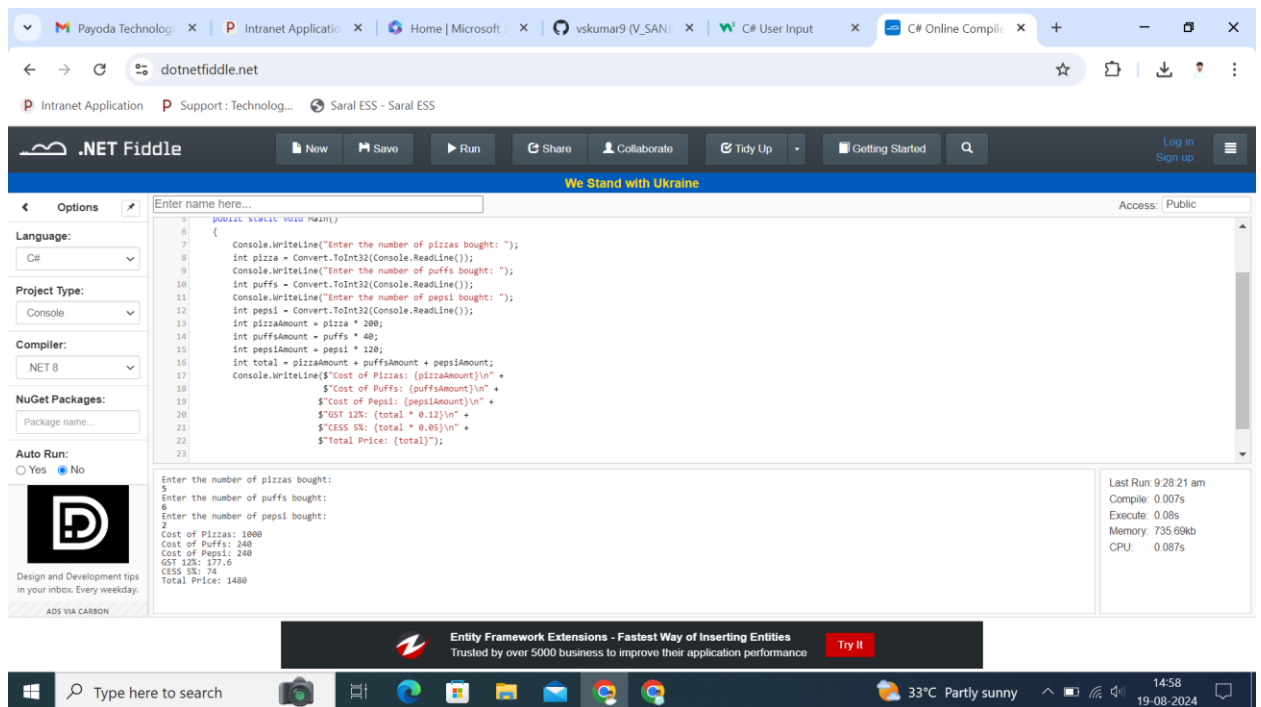
The screenshot shows the .NET Fiddle interface with a C# program. The program prompts for two numbers, x and y, and then outputs the result of the comparison: "The result of whether x is less than y is (x < y)".

```
1 using System;
2
3 public class Program
4 {
5     public static void Main()
6     {
7         Console.WriteLine("Enter the value for x: ");
8         int x = Convert.ToInt32(Console.ReadLine());
9         Console.WriteLine("Enter the value for y: ");
10        int y = Convert.ToInt32(Console.ReadLine());
11        Console.WriteLine($"The result of whether x is less than y is (x < y)");
12    }
13 }
14 }
```

Enter the value for x: 5  
Enter the value for y: 7  
The result of whether x is less than y is True

Last Run: 9:10:02 am  
Compile: 0.006s  
Execute: 0.07s  
Memory: 863.69kb  
CPU: 0.076s

### 4. Output:



The screenshot shows the .NET Fiddle interface with a C# program. The program prompts for the number of pizzas, puffs, and pepsis bought, then calculates the total price including GST and CESS, and outputs the result.

```
6 public static void Main()
7 {
8     Console.WriteLine("Enter the number of pizzas bought: ");
9     int pizza = Convert.ToInt32(Console.ReadLine());
10    Console.WriteLine("Enter the number of puffs bought: ");
11    int puffs = Convert.ToInt32(Console.ReadLine());
12    Console.WriteLine("Enter the number of pepsi bought: ");
13    int pepsi = Convert.ToInt32(Console.ReadLine());
14    int pizzaAmount = pizza * 200;
15    int puffsAmount = puffs * 40;
16    int pepsiAmount = pepsi * 120;
17    int total = pizzaAmount + puffsAmount + pepsiAmount;
18    Console.WriteLine($"Cost of Pizzas: {pizzaAmount}\n" +
19        $"Cost of Puffs: {puffsAmount}\n" +
20        $"GST 12%: {total * 0.12}\n" +
21        $"CESS 5%: {total * 0.05}\n" +
22        $"Total Price: {total}");
23 }
```

Enter the number of pizzas bought: 5  
Enter the number of puffs bought: 6  
Enter the number of pepsi bought: 2  
Cost of Pizzas: 1000  
Cost of Puffs: 240  
Cost of Pepsi: 240  
GST 12%: 177.6  
CESS 5%: 74  
Total Price: 1488

Last Run: 9:28:21 am  
Compile: 0.007s  
Execute: 0.08s  
Memory: 735.69kb  
CPU: 0.087s

### 5. Output:

Payoda Technolog... x Intranet Applicatio... x Home | Microsoft... x vskumar9 (V\_SAN)... x C# User Input x C# Online Compile x + -

dotnetfiddle.net

Intranet Application Support: Technolog... Saral ESS - Saral ESS

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We Stand with Ukraine

Options Enter name here... Access: Public

Language: C#

Project Type: Console

Compiler: NET 8

NuGet Packages: Package name...

Auto Run: ☐ Yes ☒ No

```
1 using System;
2
3 public class Program
4 {
5     public static void Main()
6     {
7         Console.WriteLine("Value of number: ");
8         SByte number = Convert.ToSByte(Console.ReadLine());
9         Console.WriteLine($"Largest Value stored in a signed byte: {number}");
10
11     }
12 }
13 }
```

Value of number:  
128  
Unhandled exception. System.OverflowException: Value was either too large or too small for a signed byte.  
at System.Number.ThrowOverflowException[TInteger]()  
at System.Convert.ToSByte(String value)  
at Program.Main()  
Command terminated by signal 6

Last Run: 9:34:36 am  
Compile: 0.000s  
Execute: 0.18s  
Memory: 4.97Mb  
CPU: 0.186s

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Payoda Technolog... x Intranet Applicatio... x Home | Microsoft... x vskumar9 (V\_SAN)... x C# User Input x C# Online Compile x + -

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We Stand with Ukraine

Options Enter name here... Access: Public

Language: C#

Project Type: Console

Compiler: NET 8

NuGet Packages: Package name...

Auto Run: ☐ Yes ☒ No

```
1 using System;
2
3 public class Program
4 {
5     public static void Main()
6     {
7         Console.WriteLine("Value of number: ");
8         SByte number = Convert.ToSByte(Console.ReadLine());
9         Console.WriteLine($"Largest Value stored in a signed byte: {number}");
10
11     }
12 }
13 }
```

Value of number:  
127  
Largest Value stored in a signed byte: 127

Last Run: 9:34:26 am  
Compile: 0.005s  
Execute: 0.06s  
Memory: 579.69kb  
CPU: 0.065s

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