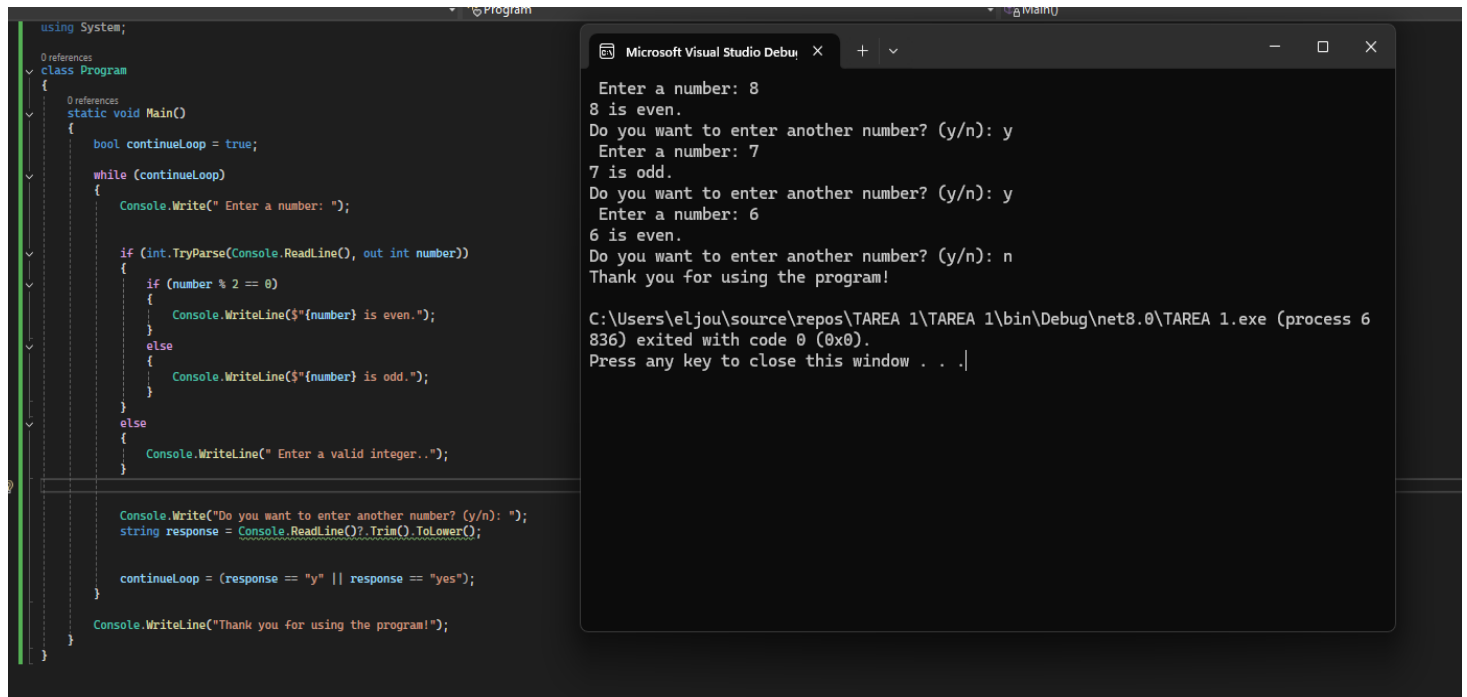


## TAREA 2

Usando los conocimientos adquiridos, usted debe desarrollar un programa que le solicite al usuario un número y el programa indique si es par o impar

Harrison Feliz.A, 2024-2687, lunes de 6 PM A 10 PM



The image shows a C# program in Visual Studio and its execution in the debugger. The program is a console application that asks the user to enter a number and checks if it is even or odd. It also asks if the user wants to enter another number and continues the loop if the answer is 'y' or 'yes'.

```
using System;

class Program
{
    static void Main()
    {
        bool continueLoop = true;

        while (continueLoop)
        {
            Console.Write(" Enter a number: ");

            if (int.TryParse(Console.ReadLine(), out int number))
            {
                if (number % 2 == 0)
                {
                    Console.WriteLine($"{number} is even.");
                }
                else
                {
                    Console.WriteLine($"{number} is odd.");
                }
            }
            else
            {
                Console.WriteLine(" Enter a valid integer..");
            }

            Console.Write("Do you want to enter another number? (y/n): ");
            string response = Console.ReadLine()?.Trim().ToLower();

            continueLoop = (response == "y" || response == "yes");

            Console.WriteLine("Thank you for using the program!");
        }
    }
}
```

The debugger window shows the following output:

```
Enter a number: 8
8 is even.
Do you want to enter another number? (y/n): y
Enter a number: 7
7 is odd.
Do you want to enter another number? (y/n): y
Enter a number: 6
6 is even.
Do you want to enter another number? (y/n): n
Thank you for using the program!

C:\Users\eljou\source\repos\TAREA 1\TAREA 1\bin\Debug\net8.0\TAREA 1.exe (process 6
836) exited with code 0 (0x0).
Press any key to close this window . . .|
```