```csharp
using System;

namespace LinearEquationSolver
{
    internal class Program
    {
        static void Main(string[] args)
        {

            Console.ForegroundColor = ConsoleColor.Blue;
            Console.WriteLine
                ("==========================================");
            Console.WriteLine("Hi, This program was written by Mohamad
                Saleh Hajkarami");
            Console.WriteLine("This program solves the linear equation: ax
                + b = 0");
            Console.WriteLine
                ("==========================================");
            Console.ResetColor();

            while (true)
            {
                try
                {
                    Console.WriteLine("Please enter the value of a :");
                    string inputA = Console.ReadLine();
                    double a = double.Parse(inputA);

                    Console.WriteLine("Please enter the value of b :");
                    string inputB = Console.ReadLine();
                    double b = double.Parse(inputB);

                    if (a == 0)
                    {
                        throw new Exception("The coefficient 'a' cannot be
                zero in a valid linear equation.");
                    }


                    double x = -b / a;


                    Console.ForegroundColor = ConsoleColor.Green;
                    Console.WriteLine($"The solution to the equation {a}x +
                {b} = 0 is: x = {x}");
                    Console.ResetColor();
                    break;
                }
                catch (FormatException)
```

```
44                    {
45                        Console.ForegroundColor = ConsoleColor.Red;
46                        Console.WriteLine("Invalid input! Please enter valid
                          numerical values.");
47                        Console.ResetColor();
48                        Console.WriteLine("Let's try again...");
49                    }
50                catch (Exception ex)
51                {
52                        Console.ForegroundColor = ConsoleColor.Red;
53                        Console.WriteLine($"Error: {ex.Message}");
54                        Console.ResetColor();
55                }
56            }
57
58
59            Console.ForegroundColor = ConsoleColor.Green;
60            Console.WriteLine
               ("=======================================");
61            Console.WriteLine("Thank you for using this program!");
62            Console.WriteLine
               ("=======================================");
63            Console.ResetColor();
64        }
65    }
66 }
67
```