```csharp
using static System.Runtime.InteropServices.JavaScript.JSType;

namespace PrimeChecker
{
    internal class Program
    {
        static void Main(string[] args)
        {
            Console.ForegroundColor = ConsoleColor.Blue;
            Console.WriteLine("Hi, This program was written by mohamad
                saleh hajkarami   ");
            Console.ResetColor();

            while (true)
            {
                try
                {
                    Console.WriteLine("Pleas enter a number for cheek is
                    prime or no ");
                    string input = Console.ReadLine();
                    int number = int.Parse(input);

                    if (number <= 0)
                    {
                        throw new Exception("The number must be a positive
                    integer.");
                    }
                    if (IsPrime(number))
                    {
                        Console.WriteLine($"{number} is a prime number.");
                    }
                    else
                    {
                        Console.WriteLine($"{number} is NOT a prime
                    number.");
                    }
                    break;
                }
                catch (FormatException)
                {
                    Console.ForegroundColor = ConsoleColor.Red;
                    Console.WriteLine("Invalid input! Please enter a valid
                    integer.");
                    Console.ResetColor();

                }
            }
            Console.ForegroundColor = ConsoleColor.Green;
            Console.WriteLine("_____");
```

```
45                Console.WriteLine("Thanks for your choice!!");
46                Console.ResetColor();
47
48
49          }
50
51          private static bool IsPrime(int num)
52          {
53              if (num <= 1) return false;
54              for (int i = 2; i <= num / 2; i++)
55              {
56                  if(num % i == 0)
57                  {
58                      return false;
59                  }
60              }
61              return true;
62          }
63      }
64  }
65
```