```
using Microsoft.VisualBasic;
using System;
using System.ComponentModel;
using System.ComponentModel.Design;
using System.Data;
using System.Diagnostics.CodeAnalysis;
using System.Diagnostics.Contracts;
using System.Formats.Asn1;
using System.Runtime.CompilerServices;
using System.Runtime.Intrinsics.X86;

namespace var;

// the code made by :
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//3-magdy

class program
{


    static void Main(string[] args)
    {

        Console.WriteLine("welcome");
        Console.WriteLine("Enter the start of range: ");
        int i = int.Parse(Console.ReadLine());
        Console.WriteLine("Enter the end of range: ");

        int limit = int.Parse(Console.ReadLine());//input from user
        // use loop to check if the number prime or no
        Console.WriteLine("\n");
        for (; i< limit;i++)  //denominator
        {
            if (i == 0) continue;
            if (i == 1) continue;


            bool isprimenumber = true;


            for (int j = 2; j <= i/2; j++)//divisor
            {
                if (i % j == 0  )//reminder
                {
                    isprimenumber = false; break;
                }
            }//output if the number prime
```

```
50              if (isprimenumber)
51              {
52                  Console.WriteLine("{0} is prime" , i);
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58          }
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```