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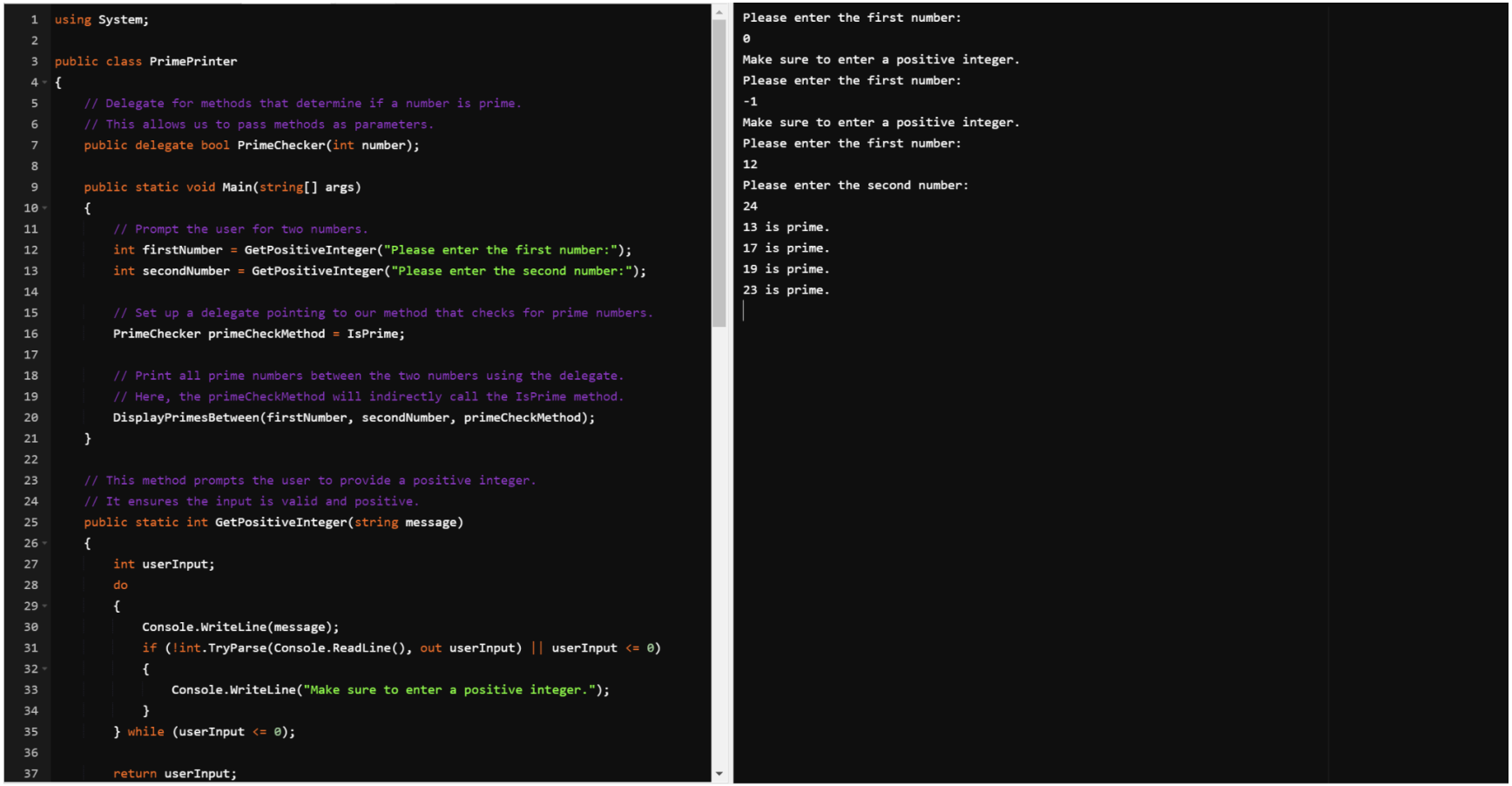
Screenshot:



```csharp
using System;

public class PrimePrinter
{
    // Delegate for methods that determine if a number is prime.
    // This allows us to pass methods as parameters.
    public delegate bool PrimeChecker(int number);

    public static void Main(string[] args)
    {
        // Prompt the user for two numbers.
        int firstNumber = GetPositiveInteger("Please enter the first number:");
        int secondNumber = GetPositiveInteger("Please enter the second number:");

        // Set up a delegate pointing to our method that checks for prime numbers.
        PrimeChecker primeCheckMethod = IsPrime;

        // Print all prime numbers between the two numbers using the delegate.
        // Here, the primeCheckMethod will indirectly call the IsPrime method.
        DisplayPrimesBetween(firstNumber, secondNumber, primeCheckMethod);
    }

    // This method prompts the user to provide a positive integer.
    // It ensures the input is valid and positive.
    public static int GetPositiveInteger(string message)
    {
        int userInput;
        do
        {
            Console.WriteLine(message);
            if (!int.TryParse(Console.ReadLine(), out userInput) || userInput <= 0)
            {
                Console.WriteLine("Make sure to enter a positive integer.");
            }
        } while (userInput <= 0);

        return userInput;
```

```
Please enter the first number:
0
Make sure to enter a positive integer.
Please enter the first number:
-1
Make sure to enter a positive integer.
Please enter the first number:
12
Please enter the second number:
24
13 is prime.
17 is prime.
19 is prime.
23 is prime.
```

Compiler:

https://www.tutorialspoint.com/compile_csharp_online.php

Language Used: C#