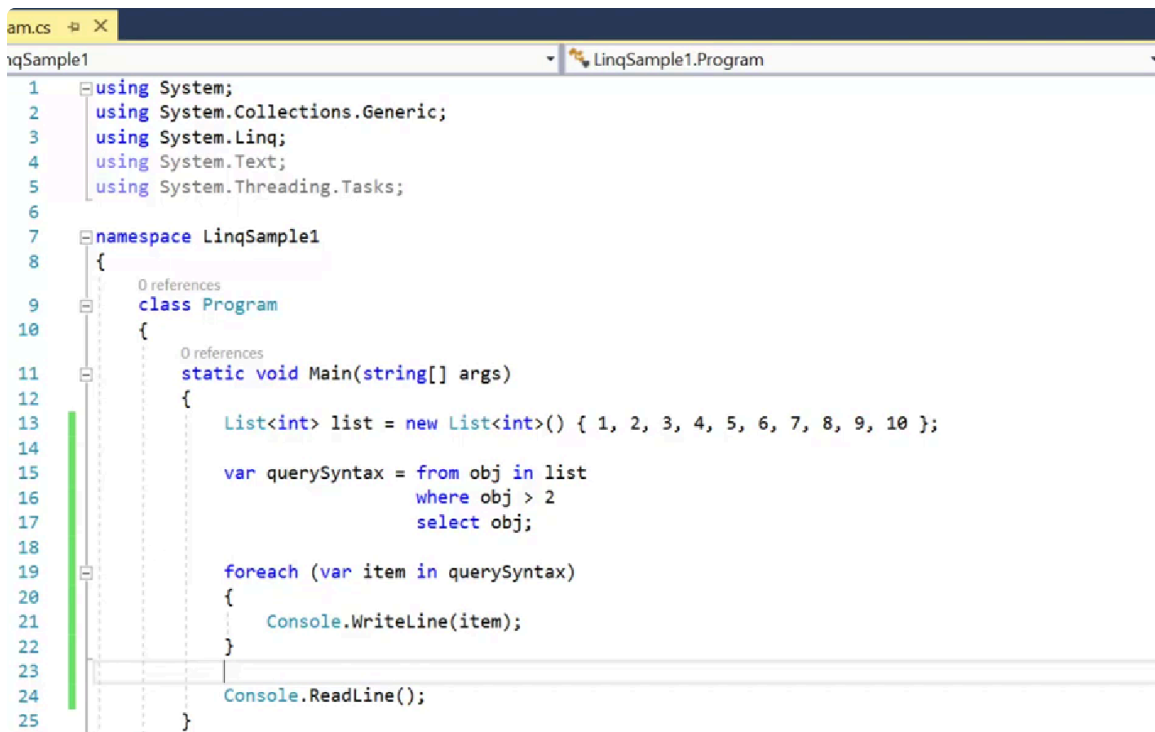


# Example

## Query syntax



```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace LinqSample1
8 {
9     0 references
10    class Program
11    {
12        0 references
13        static void Main(string[] args)
14        {
15            List<int> list = new List<int>() { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 };
16
17            var querySyntax = from obj in list
18                             where obj > 2
19                             select obj;
20
21            foreach (var item in querySyntax)
22            {
23                Console.WriteLine(item);
24            }
25            Console.ReadLine();
26        }
27    }
28 }
```

## Method syntax

```

var querySyntax = from obj in list
                  where obj > 2
                  select obj;

foreach (var item in querySyntax)
{
    Console.WriteLine(item);
}

Console.WriteLine("-----");

var methodSyntax = list.Where(obj => obj > 2);

foreach (var item in methodSyntax)
{
    Console.WriteLine(item);
}

Console.WriteLine("-----");

```

## Mixed syntax

```

var querySyntax = from obj in list
                  where obj > 2
                  select obj;

foreach (var item in querySyntax)
{
    Console.WriteLine(item);
}

Console.WriteLine("-----");

var methodSyntax = list.Where(obj => obj > 2);

foreach (var item in methodSyntax)
{
    Console.WriteLine(item);
}

Console.WriteLine("-----");

var mixedSyntax = (from obj in list
                  select obj).Max();

Console.WriteLine("Max value = " + mixedSyntax);
Console.ReadLine();

```