```csharp
//Answer on question 38908, Programming C++

using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Q38908
{
    class Program
    {
        static int result;
        static bool flag=true;
        static List<int> list = new List<int>();
        static void Main(string[] args)
        {

            result = 0;

            for(int i=1;i<=1000;i++)
                for (int j = i+1; j <= 1000; j++)
                {
                    Func(i, j);
                }
            Console.ReadKey();
        }

        static void Func(int i, int j)
        {
            result = j - 2 * i;
            if (result == 0)
            {
                if(list.Contains(i)) return;
                list.Add(i);
                Console.Write("|{0,9}{1,9}|",i,j);
                return;
            }
            if(result>0&&flag)
            {
                flag=false;
                Func(result, j);
            }
            flag=true;

        }


    }
}
```