This is a [reverse challenge](keyword://reverse-challenge). Good luck!

* **[time limit] 3000ms (cs)**
* **[input] integer n**

A positive integer.

*Constraints:*  
1 ≤ n ≤ 1000.

* **[output] array.integer**

<https://codefights.com/challenge/4ECzquhAwThPY7Ak8/main>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static int[] pascal\_list(int n)

{

List<int> ans = new List<int>();

int len = (int)Math.Ceiling((double)n / 2);

for (int i = 1; i <= len; i++)

{

ans.Add(i);

}

if (n - ans.Count < (int)Math.Ceiling((double)n / 2))

{

len--;

}

for (int i = len; i >= 1; i--)

{

ans.Add(i);

}

return ans.ToArray();

}

static void Main(string[] args)

{

for (int i = 1; i < 10; i++)

{

foreach (int elem in pascal\_list(i))

{

Console.Write(elem + " ");

}

Console.WriteLine();

}

Console.ReadLine();

}

}

}

//------------OTRA SOLUCION MAS SIMPLE-------------------------

static int[] pascal\_list(int n)

{

int a =0, b =n-1;

int[] r = new int[n];

int i = 1, j = 1;

while (a <= b)

{

r[a++] = i++;

r[b--] = j++;

if (a == b)

{

r[a] = i;

}

}

return r.ToArray();

}