Given an integer n, find the nth number in [Pascal's Triangle](https://en.wikipedia.org/wiki/Pascal%27s_triangle).

**Example**  
For n = 5, the output should be  
nthPascalNumber(n) = 2.  
The first few lines of the triangle are:  
1  
1 1  
1 2 1  
1 3 3 1  
1 4 6 4 1  
1 5 10 10 5 1  
The 5th element is 2.

**Input/Output**

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

*Guaranteed constraints:*  
0 < n ≤ 300.

* **[output] integer**

**[C#] Syntax Tips**

// Prints help message to the console

// Returns a string

string helloWorld(string name) {

Console.Write("This prints to the console when you Run Tests");

return "Hello, " + name;

}

<https://codefights.com/challenge/kP5SCb8NRn7vX9636/solutions>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static int printPascal(int n)

{

int[,] arr = new int[n, n];

int cont = 0;

for (int line = 0; line < n; line++)

{

for (int i = 0; i <= line; i++)

{

if (line == i || i == 0)

arr[line, i] = 1;

else

arr[line, i] = arr[line - 1, i - 1] + arr[line - 1, i];

cont++;

if (cont == n) return arr[line, i];

}

}

return -1;

}

static void Main(string[] args)

{

Console.WriteLine( printPascal(10));

Console.WriteLine( );

Console.ReadLine();

}

}

}