You have an array m with the values of the country's paper money.  
Determine the minimum amount of paper money to buy the amount p. If you cannot pay exactly, then return 0.

**Example**  
For m = [1, 2, 5, 10, 20, 50, 100] and p = 125, the output should be  
nCash(m, p) = 3.  
You should pay with 100, 20, 5.

* **[execution time limit] 3 seconds (cs)**
* **[input] array.integer m**

*Guaranteed constraints:*  
m.length < 100.

* **[input] integer p**

*Guaranteed constraints:*  
0 ≤ p ≤ 10^9.

* **[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/eCqkgGpWhZqksQ8mk/solutions>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp42

{

class Program

{

static int nCash(int[] m, int p)

{

Array.Sort(m);

Array.Reverse(m);

if (p == 0 && m.Last() == 0)

{

return 1;

}

int i = 0, sum = 0;

int ans = 0;

for (i = 0; i < m.Length; i++)

{

while (sum + m[i] <= p)

{

sum += m[i];

ans++;

}

}

if (sum != p) return 0; //[@nacho\_monllor](https://codefights.com/profile/nacho_monllor) If you cannot pay exactly, //then return 0.  
//That should probably do the trick :)

return ans;

}

static void Main(string[] args)

{

int[] m = { 1, 2, 5, 10, 20, 50, 100 };

int p = 125;

//int[] m = { 0, 1, 2, 200, 5, 10, 20, 50, 100 };

//int p = 0;

Console.WriteLine(nCash(m, p));

Console.ReadLine();

}

}

}