Author

[DiEvAl](https://codefights.com/profile/DiEvAl)

If you are under 18, s/beer/milk/.

You need to create a function that consumes a number of bottles and creates a song about them :D. But keep in mind that the program should be as short as possible.

bottles\_of\_beer(99) = [ "99 bottles of beer on the wall, 99 bottles of beer.", "Take one down, pass it around, 98 bottles of beer on the wall...", "98 bottles of beer on the wall, 98 bottles of beer.", "Take one down, pass it around, 97 bottles of beer on the wall...", ... "1 bottle of beer on the wall, 1 bottle of beer.", "Take one down, pass it around, no more bottles of beer on the wall...", "No more bottles of beer on the wall, no more bottles of beer.", "Go to the store and buy some more, 99 bottles of beer on the wall..." ]

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

Initial number of bottles (a positive integer)

* **[output] array.string**

The song

<https://codefights.com/challenge/LaAiMBeFyqSFzPMw4/main>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static string[] bottles\_of\_beer(int n)

{

int max = n;

List<string> res = new List<string>();

if (n == 1)

{

res.Add("1 bottle of beer on the wall, 1 bottle of beer.");

res.Add("Take one down, pass it around, no more bottles of beer on the wall...");

res.Add("No more bottles of beer on the wall, no more bottles of beer.");

res.Add("Go to the store and buy some more, 1 bottle of beer on the wall.");

}

else

{

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

{

if (i > 1)

{

res.Add(i + " bottles of beer on the wall, " + i + " bottles of beer.");

if (i - 1 > 1)

{

res.Add("Take one down, pass it around, " + (i - 1) + " bottles of beer on the wall...");

}

else if (i - 1 == 1)

{

res.Add("Take one down, pass it around, 1 bottle of beer on the wall...");

}

}

else if (i == 1)

{

res.Add("1 bottle of beer on the wall, 1 bottle of beer.");

res.Add("Take one down, pass it around, no more bottles of beer on the wall...");

res.Add("No more bottles of beer on the wall, no more bottles of beer.");

res.Add("Go to the store and buy some more, " + max + " bottles of beer on the wall.");

}

}

}

return res.ToArray();

}

static void Main(string[] args)

{

foreach (string s in bottles\_of\_beer(5))

{

Console.WriteLine(s);

}

Console.ReadLine();

}

}

}