After finishing your last CodeFight of 2015 you suddenly realize: the New Year is almost here! To share your excitement, you want to send a New Year's wish to the community.

You think your message should look nice, so you decide to put it into a frame of asterisks ('\*'), with each word on a separate line.

Write a function that returns a framedwish as an array of strings, where each string is a word of the wish (including any punctuation marks that might come right after it) with some spaces added to make the frame rectangular. Note that there should be exactly 1 whitespace character (' ') before each word, and at least 1 after.

**Example**

For wish = 'Happy New Year and CodeFight On in 2016!' the output should be

happyNewYear(wish) = ['\*\*\*\*\*\*\*\*\*\*\*\*\*',

'\* Happy \*',

'\* New \*',

'\* Year \*',

'\* and \*',

'\* CodeFight \*',

'\* On \*',

'\* in \*',

'\* 2016! \*',

'\*\*\*\*\*\*\*\*\*\*\*\*\*']

* **[input] string wish**
  + Your wish that has at least one word.
* **[output] array.string**
  + The framed version of your wish.

<https://codefights.com/challenge/RdeNyqPPR3ioGzGTn>

static string[] happyNewYear(string wish)

{

string[] pals = wish.Split(' ');

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

int max\_len = pals[0].Length;

for (int i = 0; i < pals.Length; i++)

{

max\_len = Math.Max(max\_len, pals[i].Length);

}

string tapa = "";

for (int i = 0; i < max\_len + 4; i++)//2 espacios y 2 asteriscos

{

tapa += "\*";

}

answer.Add(tapa);

for (int i = 0; i < pals.Length; i++)

{

string linea = "\* " + pals[i];

string espacios = "";

for (int j = 0; j < max\_len - pals[i].Length + 1; j++)

{

espacios += " ";

}

linea += espacios + "\*";

answer.Add(linea);

}

answer.Add(tapa);

return answer.ToArray();

}