

Assignment 6: numpy arrays

General instructions:

- Use the file "assignment_6_template.py" to do the assignment. Change the name of the file to "assignment_6.py".
- Write your code after the comment: "#Your code here:" (do not modify the code before this comment)
- Office hours information are available in the office hours channel on Teams.
- Authorized libraries (you cannot import other library than the authorized ones):
 - o numpy

Deadline:

- 17/11/2022 at 23:59:59
- Delayed submissions are not allowed

Coding instruction:

- The program is fed with two inputs. So input1 and input2 will be a text with a list of items ("1,2,3,4,5" for example). **Do not use the "input()" function**. Use input1 and input2 as define in the template.
- Your objective is to print the 2 input lists into one NumPy matrix where the columns are the input lists.
- Example of output for 1st test:

```
[[ 1 15]
 [ 2  6]
 [ 3 86]
 [ 4  4]
 [ 5 69]]
```

The output is a numpy array.

- The function to transform the input string into a list is already written in the template.

Tests Information:

Input1 (string)	Input2 (string)	Expected output (numpy array)
"1,2,3,4,5"	"15,6,86,4,69"	<pre>[[1 15] [2 6] [3 86] [4 4] [5 69]]</pre>
"5,2"	"0,1"	<pre>[[5 0] [2 1]]</pre>
"89,56,56"	"1,1,1"	<pre>[[89 1] [56 1] [56 1]]</pre>

Upload instructions:

- When your code is finish and work. Upload it to codepost.io (Tutorial [here](#))
- You can reupload your code as many times as you want until the deadline
- The last upload is taken into account, so if you success all tests but reupload another file which is not working, you assignment will be failed.
- The expected name for your file is "assignment_6.py". If the name is different, your code will fail.