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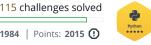


Practice > Python > Python Functionals > Map and Lambda Function

Map and Lambda Function ☆

Submissions

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Editorial A



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Discussions

Let's learn some new Python concepts! You have to generate a list of the first $m{N}$ fibonacci numbers, $m{0}$ being the first number. Then, apply the map function and a lambda expression to cube each fibonacci

Leaderboard

Concept

Problem

number and print the list.

The map() function applies a function to every member of an iterable and returns the result. It takes two parameters: first, the function that is to be applied and secondly, the iterables.

Let's say you are given a list of names, and you have to print a list that contains the length of each name.

Lambda is a single expression anonymous function often used as an inline function. In simple words, it is a function that has only one line in its body. It proves very handy in functional and GUI programming.

Note:

Lambda functions cannot use the return statement and can only have a single expression. Unlike def, which creates a function and assigns it a name, lambda creates a function and returns the function itself. Lambda can be used inside lists and dictionaries.

Input Format

One line of input: an integer N.

Constraints

 $0 \le N \le 15$

Output Format

A list on a single line containing the cubes of the first $m{N}$ fibonacci numbers.

Sample Input

Author	harsh_beria93	
Difficulty	Easy	
Max Score	20	
Submitted By	16938	

NEED HELP?





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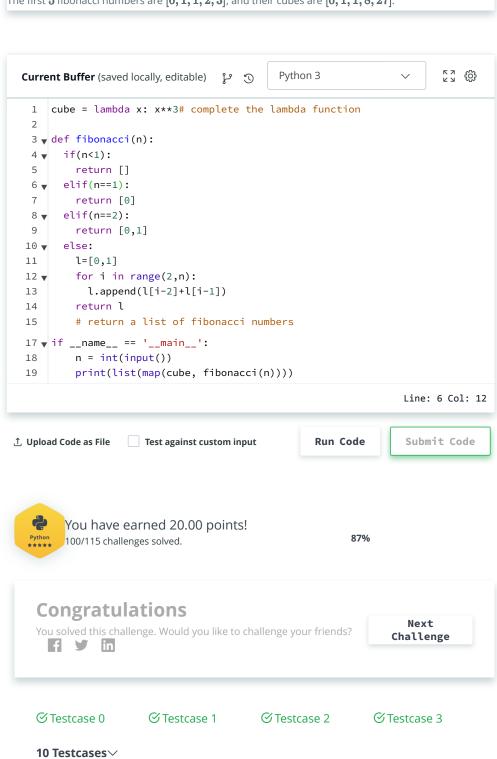
MORE DETAILS

Suggest Edits





```
Sample Output  [0,\ 1,\ 1,\ 8,\ 27]  Explanation  \text{The first 5 fibonacci numbers are } [0,1,1,2,3] \text{, and their cubes are } [0,1,1,8,27].
```



Input (stdin)	Download	Expected Output	Download
5		[0, 1, 1, 8, 27]	
Compiler Message			
Success			

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