**Python Map [17 exercises with solution]**

[*An editor is available at the bottom of the page to write and execute the scripts.*]

**1.** Write a Python program to triple all numbers of a given list of integers. Use Python map. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-1.php)

**2.** Write a Python program to add three given lists using Python map and lambda. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-2.php)

**3.** Write a Python program to listify the list of given strings individually using Python map.  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-3.php)

**4.** Write a Python program to create a list containing the power of said number in bases raised to the corresponding number in the index using Python map. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-4.php)

**5.** Write a Python program to square the elements of a list using map() function. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-5.php)

**6.** Write a Python program to convert all the characters in uppercase and lowercase and eliminate duplicate letters from a given sequence. Use map() function. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-6.php)

**7.** Write a Python program to add two given lists and find the difference between lists. Use map() function. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-7.php)

**8.** Write a Python program to convert a given list of integers and a tuple of integers in a list of strings. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-8.php)

**9.** Write a Python program to create a new list taking specific elements from a tuple and convert a string value to integer. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-9.php)

**10.** Write a Python program to compute the square of first N Fibonacci numbers, using map function and generate a list of the numbers. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-10.php)

**11.** Write a Python program to compute the sum of elements of a given array of integers, use map() function. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-11.php)

**12.** Write a Python program to find the ration of positive numbers, negative numbers and zeroes in an array of integers. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-12.php)

**13.** Write a Python program to count the same pair in two given lists. use map() function. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-13.php)

**14.** Write a Python program to interleave two given list into another list randomly using map() function. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-14.php)

**15.** Write a Python program to split a given dictionary of lists into list of dictionaries using map function. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-15.php)

**16.** Write a Python program to convert a given list of strings into list of lists using map function. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-16.php)

**17.** Write a Python program to convert a given list of tuples to a list of strings using map function. [Go to the editor](https://www.w3resource.com/python-exercises/map/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/map/python-map-exercise-17.php)