

## Global Logic - May 2024 - Programming

1. Find the count of total characters in an array of strings using a higher-order function.

Input: ``["Mark", "Royal", "Total", "Many"]``

Output: ``18``

2. Convert an array of arrays of strings to a single array.

Input: ``[["Gagan", "Joshi", "Total"], ["Name"], ["gagan"], ["ashok"]]`

Output: ``["Gagan", "Joshi", "Total", "Name", "gagan", "ashok"]``

3. Which of the following code snippets is correct?

- ``let position: Int? { return 4 }``

- ``var position: Int? { return 4 }``

- ``let position: Int? { 4 }``

- ``var position: Int? { 4 }``

4. Write a function to skip values by 1, 2, 3, 4, etc. in an array.

Input: ``[1,2,3,4,5,6,7,8,9,10,11,12,13,14,15]``

Output: ``[1, 3, 6, 10, 15]``