

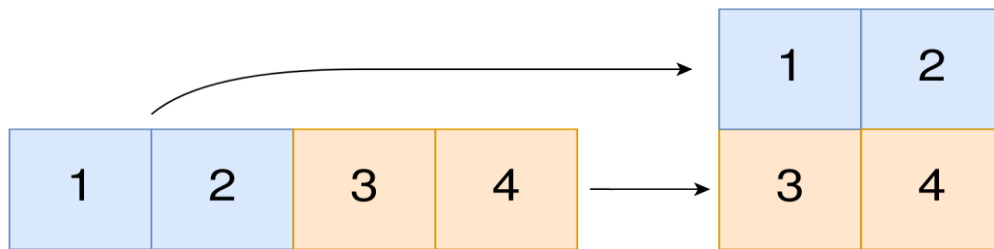
Convert 1D Array Into 2D Array

You are given a **0-indexed** 1-dimensional (1D) integer array *original*, and two integers, *m* and *n*. You are tasked with creating a 2-dimensional (2D) array with *m* rows and *n* columns using **all** the elements from *original*.

The elements from indices 0 to *n* - 1 (**inclusive**) of *original* should form the first row of the constructed 2D array, the elements from indices *n* to 2 * *n* - 1 (**inclusive**) should form the second row of the constructed 2D array, and so on.

Return an *m* x *n* 2D array constructed according to the above procedure, or an empty 2D array if it is impossible.

Example 1:



Input: *original* = [1,2,3,4], *m* = 2, *n* = 2

Output: [[1,2],[3,4]]

Explanation: The constructed 2D array should contain 2 rows and 2 columns.

The first group of *n*=2 elements in *original*, [1,2], becomes the first row in the constructed 2D array.

The second group of *n*=2 elements in *original*, [3,4], becomes the second row in the constructed 2D array.

Example 2:

Input: *original* = [1,2,3], *m* = 1, *n* = 3

Output: [[1,2,3]]

Explanation: The constructed 2D array should contain 1 row and 3 columns.

Put all three elements in *original* into the first row of the constructed 2D array.

Example 3:

Input: original = [1,2], m = 1, n = 1

Output: []

Explanation: There are 2 elements in original.

It is impossible to fit 2 elements in a 1x1 2D array, so return an empty 2D array.

Constraints:

- $1 \leq \text{original.length} \leq 5 * 10^4$
- $1 \leq \text{original}[i] \leq 10^5$
- $1 \leq m, n \leq 4 * 10^4$