A *left rotation* operation on an array shifts each of the array's elements ***1***unit to the left. For example, if ***2***left rotations are performed on array ***[1, 2, 3, 4, 5]*** , then the array would become ***[3, 4, 5, 1, 2] .***

Given an array ***a*** of ***n*** integers and a number ***d***, perform ***d*** left rotations on the array. Return the updated array to be printed as a single line of space-separated integers.

Function Description

Write down the function *rotLeft* with any language you like.

rotLeft has the following parameter(s):

* An array of integers ***a***.
* An integer ***d***, the number of rotations.

Constraints



Explanation

When we perform ***d = 4*** left rotations, the array undergoes the following sequence of changes: