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Array insert at index

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Basic

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Insertion is a basic but frequently used operation. Arrays in most languages cannot be dynamically shrinked or expanded. Here, we will work with such arrays and try to insert an element at some index.

You are given an array **arr**(0-based index). The size of the array is given by **sizeofArray**. You need to **insert** an **element** at given **index**.

Example 1:

Input:

sizeofArray = 6  
arr[] = {1, 2, 3, 4, 5}  
index = 5, element = 90

Output: 1 2 3 4 5 90

Explanation: 90 is inserted at index 5(0-based indexing). After inserting, array elements are like 1, 2, 3, 4, 5, 90.

Python3 ▾

🕒 Your Time: 0m 13s

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1 #User function Template for python3

2

3 class Solution:

4 '''You need to insert the given element at the given index.

5 After inserting the elements at index, elements

6 from index onward should be shifted one position ahead

7 You may assume that the array already has sizeofArray - 1

8 elements.'''

9

10 def insertAtIndex(self, arr, sizeofArray, index, element):

11 #Your code here

12 if arr!=sizeofArray:

13 arr.insert(index,element)

14 return -1

15

16

17 

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# } Driver Code Ends

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Custom Input

Compile & Run

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