

Problem Statement

Java

Given a new element E, index I and array of numbers A of size N, write a program to insert the element E after the index I.

Constraints :

$$1 \leq N \leq 10^6$$

$$1 \leq E \leq 10^6$$

$$1 \leq A_i \leq 10^6$$

$$0 \leq i \leq (N-1)$$

$$0 \leq I \leq (N-1)$$

Input Format :

First line contains the new element followed by #, followed by index followed by # and array elements separated by comma

Output Format :

[Array elements after inserting new element]

Sample Input :

4#2#1,2,3,5,6,7,8

Sample Output :

[1, 2, 3, 4, 5, 6, 7, 8]

Hint and Warning!

Kindly take note that the insertion of an element should be within the range of the array

Element cannot be inserted beyond the array index value