1. Given an array, rotate the array to the right by *k* steps, where *k* is non-negative.

   Example:

   Input: [1,2,3,4,5,6,7] and *k* = 3, numsSize=7
   Output: [5,6,7,1,2,3,4]

   Please try not to use any extra array.

```
void rotate(int* nums, int numsSize, int k) {









    }
```

2. Write a function to delete a node (except the tail) in a singly linked list, given only access to that node.

Example:

Input: head = [4,5,1,9], node = 5
Output: [4,1,9]

```
void deleteNode(struct ListNode* node) {









    }
```