Given a doubly linked list and a position. The task is to delete a node from given position in a doubly linked list.

**Example 1:**

**Input:**

LinkedList = 1 <--> 3 <--> 4

x = 3

**Output:** 1 3

**Explanation:** After deleting the node at

position 3 (position starts from 1),

the linked list will be now as 1->3.

class Solution

{

// function returns the head of the linkedlist

Node deleteNode(Node head,int x)

{

Node current = head;

if(x==1)

{

head = current.next;

head.prev = null;

}

else{

for(int i=1;i<x-1;i++){

current=current.next;

}

current.next=current.next.next;

if(current.next!=null){

current.next.prev=current;

}

}

return head;

}

}