STACK AND QUEUE METHODS (see reference sheet for method explanation)

A.	ST <i>A</i> 1.		ır stack, insertion occ	urs at the	(first/last).
	2.	For you	ır stack, removal occu	ırs at the	_ (first/last).
	3. Implement the following methods for a stack according to your specification and removal (Assume the linkedlist of elements in the stack is called elements available to you):a. public boolean isEmpty()				
		b.	public Object p	op()	
		C.	public Object p	ush(Object item)	
В.	QU 1.	JEUE For your queue, insertion occurs at the (first/last).			
	2.	. For your queue, removal occurs at the (first/last).			
	3.	Implement the following methods for a queue according to your specifications for insertion and removal (Assume the linkedlist of elements in the queue is called elements and already available to you):			
		a.	public boolean	isEmpty()	
		b.	public Object p	op()	
		c.	public Object p	ush(Object item)	

REFERENCE SHEET (STACK AND QUEUE METHODS)

LinkedList Method Summary				
void	addFirst (Object o) Inserts the given element at the beginning of this list.			
void	addLast (Object o) Appends the given element to the end of this list.			
Object	getFirst() Returns the first element in this list.			
Object	getLast() Returns the last element in this list.			
Object	removeFirst() Removes and returns the first element from this list.			
Object	removeLast() Removes and returns the last element from this list.			
int	size() Returns the number of elements in this list.			

Stack Method Summary				
boolean	isEmpty() Tests if this stack is empty.			
Object	pop () Removes the Object at the top of this stack and returns that Object.			
Object	push (Object item) Pushes an item onto the top of this stack.			

Queue Method Summary				
boolean	isEmpty()			
	Tests if this queue is empty.			
Object	pop()			
	Removes the Object at the front of the list and returns that Object.			
Object	push (Object item)			
	Adds an item at the front of the list.			