Uppaifter	Be	eni	amins			
2012-08: 1		α,	, ae,	(L3)	, a	n
2012-04:3			b2,			
2012-08						
for (int r=0; rxm; r++) Analysera tids lomplexiteten						
for (int c=0; c <n; c+1)="" en<="" m,="" n="" td=""><td></td><td></td><td></td><td></td><td></td><td></td></n;>						
Stackpush(c); Stack ar en stack med initiell stor	rleb		Stac	kl.		
Anvand garna O-noegeign.						
1 Push = O(1) O - UPF						
Pop = 0(1) 2-lou	)er	bo	und			
	U		<u>)</u>			
for(int r=0; r <m; :="" cm="" eo(m)<="" r++)="" td=""><td></td><td></td><td></td><td></td><td></td><td></td></m;>						
for(int c=0; c <n; :="" c++)="" d·n="" e="" o(n)=""> O(m·n)</n;>						
Stackpush(c); $E \in O(1)$						
Nu behover vi 2. 70(mn)						
for(int r=0; r <m; (m)<="" :="" e="" r++)="" td=""><td></td><td></td><td></td><td></td><td></td><td></td></m;>						
$for(int c=0; c< n; c++) : \in \Omega(n) \setminus \Omega(m \cdot n)'$						
$Stackpush(c)$ ; : $E \mathcal{O}(1)$						
1000 011						
2012-04				5	$\overline{}$	01.
Implementera en funktion som lægger till en lista i Slutet på en	ann	an	List	a. 1	Jen_	Suli
ta konstant tid.						
a = [1, 2, 3] $c = [1, 2, 3, 4, 5]$ $a = [1, 2, 3]$ $b = [4, 5]$	1					
A = [1,2,3] $C = [1,2,3,4,5]$ $A = [4,5]$ $A = [4,5]$	l - ta	,				
b=[4,5] Head Tail	- TC	71				
Vi bestammer att a och b ar dubbellanhande listor.						
VI DESCRIPTE AT A UN D'UI ACADEMAITHAIDE LISTON.						
V: Delice on (1) toil till head h => ([1 2 3 4 5]						
Check-check 1						
Vi pelar om a tail till head b. => < [1, 2, 3, 4, 5]  a head=chead ) tail b = tail c  tail a = head b						
head b = toil a						
Kod						
Class List (A) {						
Class ListNode (A) {						
A contents;						
ListNode(A) Prev, next;						
LISENade (A contents, ListNode (A) prev, ListNode (A) next) {						
this contents = contents;						
this prev = prev,						
this next = next;						
3						
3						
List Node <a> head, tail;</a>						
L-136 () {						
head=new ListNode(A> (null, null, null);						

		†a	1/=	= -		_		1 1			(	nul	ı	he	24	no	Ш	) '																
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$\overline{}$	7-7	ubli Ta	ار - ا م	VOic	J C	1PP	end	(Li	3E<	A> 5	55)·			44									.,		,							_	_	
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$\overline{\circ}$	(1)	ta	3.11€ [j]=	110 75.	tai	1 :	410		- [U	11.4	/1 C V	,		//	PC	FU		,,,	P		/ C/ )		10	٠,١	occ		<i>x</i>	110	TI CC	~				
			ta					istN	ode	.< <i>A</i> :	> (r	ωΙ	۱, ۷	5.h	eac	l, n	ull)	۰																
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3	1			,	\		/	١	_	7.																								
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