P05 Circular Buffer Example

capacity 4

			Ca	pacity 4	
size	0	0	1	2	3
head	0	?	?	?	?
tail	0		·		·
current	0	head tail			
		current	push_ba	ck(6)	
size	1	0	1	2	3
head	0	6	?	?	?
tail	0	head	current		
current	1	tail		1.7	
		_	push_ba	ck(14)	
size	2	0	1	2	3
head	0	6	14	?	?
tail	1				
current 2		head	tail	current	
			push_ba	ck(20)	
size	3	0	1	2	3
head	0	6	14	20	?
tail	2	head		tail	current
current 3		llead	tail current push_back(7)		
size	4	0	1	2	3
head	1	6	14	20	7
tail	3				
current	0	current	head		tail
			push_ba		
size	4	0	1	2	3
head	2	. 5	14	20	7
tail	0	tail	current	head	
current	1	taii		Head	
			pop()		
size	3	0	1	2	3
head	3	5	14	20	7
tail .	0	tail	current		head
current	1	can			Head
			push(8)		
size	4	0	1	2	3
head	3	5	8	?	7
tail	1		tail	current	head
current	2		pop()	Current	neau
					-
		0	1	2	3
size	3				
head	3	5	8	?	7
	\vdash		8 tail	?	7