## P05 Circular Buffer Example

capacity 4

			capacity 4			
size	0	7	0	1	2	3
head	0	1	?	?	?	?
tail	0	1		·		·
current	0	1	head tail			
		_	current	push_ba	ck(6)	
size	1		0	1	2	3
head	0		6	?	?	?
tail	0		head	current		
current 1		tail				
				push_ba	<u>ck</u> (14)	
size	2		0	1	2	3
head	0	4	6	14	?	?
tail	1	4	head	4-11		
current 2		nead	tail	current		
				push_ba	ck(20)	
		7				
size	3	-	0	1	2	3
head tail	2	+	6	14	20	?
current	3	+	head		tail	current
current 3			push_back(7)			
size	4	7	0	1	2	3
head	1	1	6	14	20	7
tail	3		· ·		20	,
current	0		current	head		tail
				push_ba	ck(5)	
size	4		0	1	2	3
head	2		5	14	20	7
tail	0	1	1-1	at		
current	1		tail	current	head	
				pop()		
size	3		0	1	2	3
head	3		5	14	20	7
tail	0		tail	current		baad
current	1		tali			head
				push(8)		
size	4		0	1	2	3
head	3		5	8	?	7
tail .	1			+=:1	current	head
current	2			tail	current	пеац
				pop()		
size	3		0	1	2	3
head	3		5	8	?	7
tail	1		head	tail	current	
current	2		nead	tall	current	