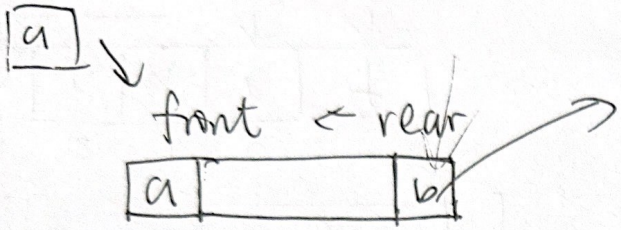


a>b pop b.

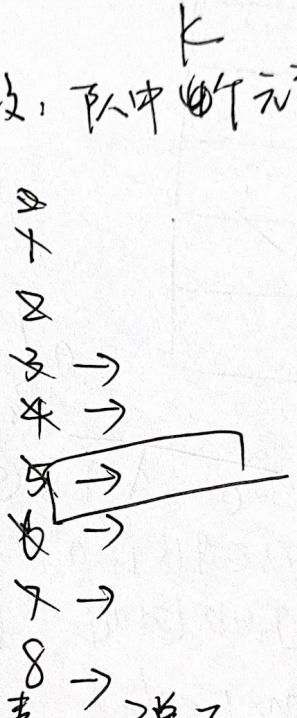
res = a

push(a)

678 678 678 678 345 987 987

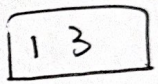
987 987 345 345 345 456

456 999 1200 1200



相次比较，队中的元素

先进4个



1
2
3

左进 → 若an>右端元素，弹右.

8765 → 8

4: 6543 → 7

3: 543 → 6

0 ↑ 4 : 二十二

$n=6$

i	0	1	2	3	4	5
arr[i]	+1	3	5	7	9	11
	2	3	5	7	9	10
	3					9

$x=0 \quad y=5$

$x=0 \quad y=5$

2 3 7

6

$+5 +3 +1 -1 -3 -5 = \frac{n}{2}$

$\frac{k(k+1)}{}$

$\therefore k = \frac{n-1}{2}$

$\frac{n-1}{2} \cdot \frac{n-1+2}{2}$

$\frac{n^2-1}{2}$ $\quad \frac{(n-1)(n+1)}{4}$

今日精神状态不佳，明日再说

$k=5$

$(1-0)\times 2+1$

$1+3+5 \ldots +$ ~~$(k+1)$~~

$= \frac{(1+2k-1)k}{2} = \frac{k(2k)}{2} = \frac{(1+k-1)\cdot(k)}{2} = \frac{k(k+1)}{2}$

$2(k-1)+1 = k^2 =$

$\frac{(1+(2k-2)+1)(k)}{2}$

$= \frac{\frac{n}{2}\cdot(\frac{n}{2}+1)}{2}$

$= \frac{n^2+2n}{4}$

[illegible]

0	1	2	3	5
1	3	5	7	9
~~+3~~	+1		+1	+3

$+4 \quad +2 \quad +0 \quad -2 \quad -4$

5

$n \,/\!/\, 2^{2\times 2}$

$1\times 2 \quad 2+4+\ldots+2k$

$= \frac{(2+k)k}{2} = \frac{(2+2k)k}{2}$

$\frac{k(k+1)}{}$ $= $ ~~$k(k+1)$~~

5.

Iteration	Instr	~~Issue~~ Issue	E/M	WCBD
1	LD F2,(R1).	1	2	3
	MUL.D F4,F2,F0	2	4-18	19
	LD F6,(R2)	3	4	5
	ADD.D F6,F4,F6	4,	20-28 ~~6-14~~	~~8~~ ~~15~~ 29
	SD. F6,0(R2)	5	30 ~~8~~ ~~16~~	~~8~~ ~~17~~ 31
	DAADDIU R1,R1,#8	6	7	8
	DAADDIU R2,R2,#8	7	8	9
	DSLTU R3,R1,R4	8	9	10
	BENZ R3,foo	9	~~10~~ 11	~~11~~ 12
2	LD F2,(R1)	10	12	13
	MUL.D F4 F2 F0	11	20-34 13-~~27~~ ~~28~~	~~28~~ 35
	LD F6,(R2)	12	~~18~~ ~~13~~ 32	~~14~~ ~~19~~ 33
	ADD.D F6,F4,F6	13	~~20-28~~ 36-44 ~~15-23~~	~~16~~ ~~24~~ ~~29~~ 45
	SD F6,0(R2)	14	46 ~~25~~	~~26~~ 47
	DAADDIU 1	15	16	17
	DAADDIU 2	16	17	18
	DSLTU	17	18	19
	BENZ	18	~~19~~ 20	~~20~~ 21
3	LD F2,(R1)	19	21	22
	MUL.D F4,F2,F0	20	36-50	51
	LD F6,(R2).	21	48	49
	ADD.D	22	52-60	61
	SD	23	62	63
	DAA1	24	25	26
	DAA2	25	26	27
	DSL	26	27	28
	Benz	27	29	30.