15, 4

$\frac{15}{4}$

18 = 2 × 3 × 3

4 = 2 × 2

gcd(a, b)

{

if (b == 0)

ret a

ret gcd(b, a % b)

}

(0, 4)

4

2^4

$(2^2)^2$

3

5

2^{16}

$(2^8)^2$

halfen

12 = 2 × 3 × 2

18 = 2 × 3 × 3

5

100

011

000

log n

A[0, n]

i
2×i+1 2i+2

for (i : n/2 to 1)
heapify(i)

heapify(largest

K=15

10 5 2 7 1 9

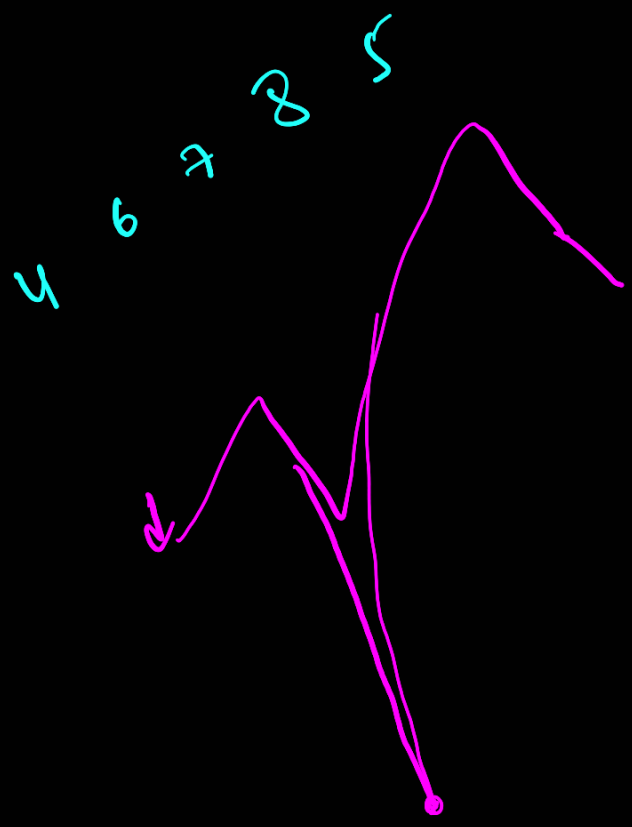
10 | 15 17 24 25 |

t
2 0 2 0
0 0 1 2 1 0 2 0
0 0

if (cnt==0)
maj or = ; cnt=1

else if (
nums[i]==a
cnt++

max sum of two numbers



0 1 2 3 4

p n p n p

16 17 4 3 5 2

17 5 2

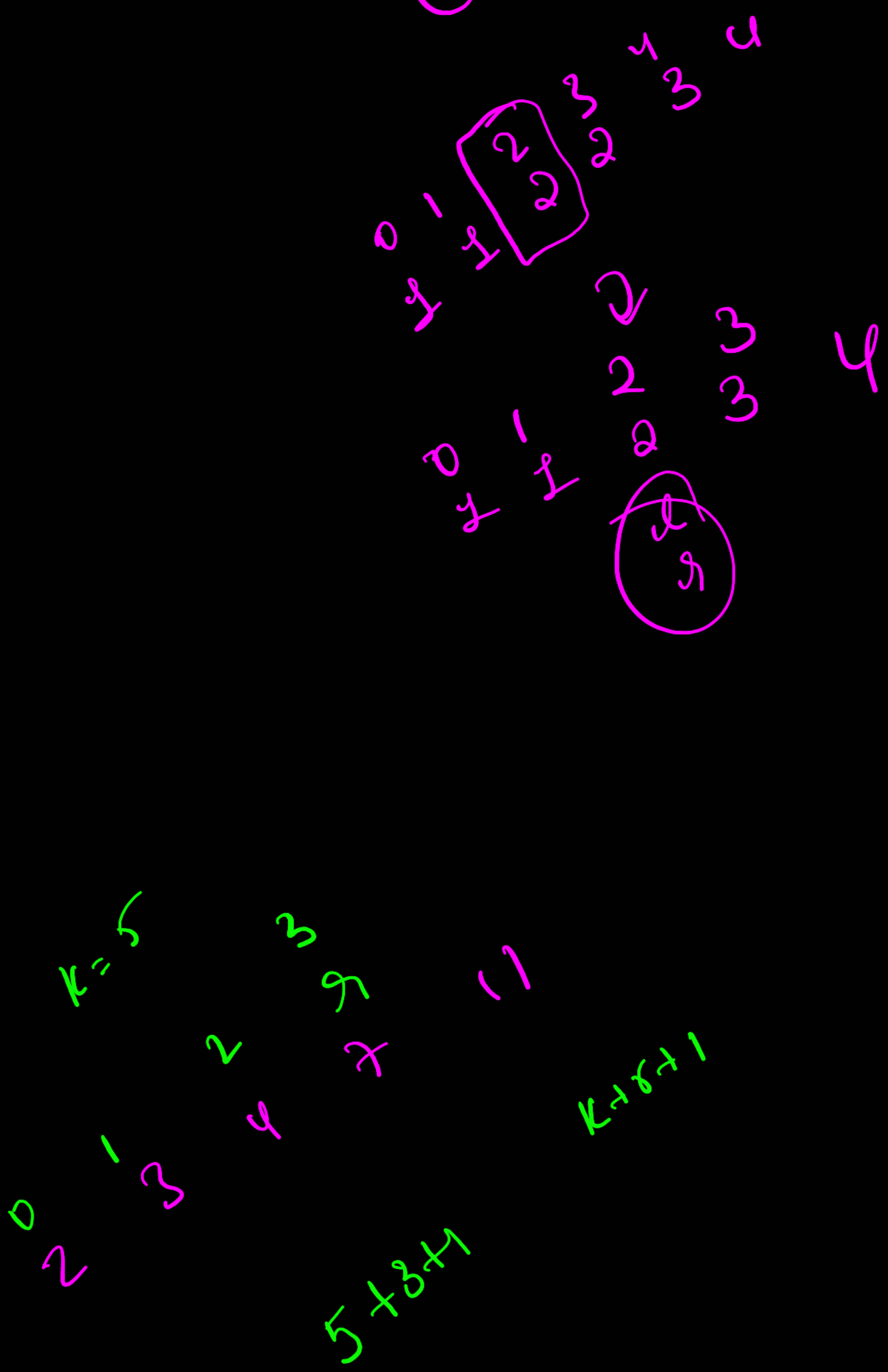
100 4 200 1 3 2

T=0

m n

l 1 0 1 1 1 2

3 5 4 6



k=5
k+r+1
5+3+1