27.01.25

A3 2 $\alpha v r = \begin{bmatrix} 2, 3, 5, 5 \end{bmatrix}$ $\alpha [37 = 5]$ $\alpha [43 = 5]$ AATOPUTM

5.5 = 15 $\alpha [43 = 5]$

mdx = 0for i in range (1, len (arr)); if (arr[i] > max_1): max_1 = arr[i] max_2 = float(-"inf") for i in range (len(arr)): if (arr[i]!= max_1 and arr[i] > max_2): max-2 = arr[i] if (max-2!= float(-"inf")): print(max-1 * max-2) else: print ("incorrect input")

 $Max_1 = ind = 0$ for i in range (1, len (arr));

if (arr [max_1 = ind] <

ouv [i]);

max_1 = ind = i

max_2 = ind = 0

if (max_1 = ind = 0);

max_2 = ind = 1

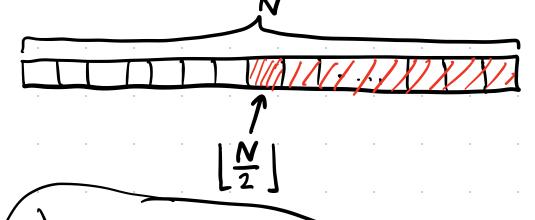
2 MAKCUMYMA 3A OBUH 44KA

$$m1, m2 = max(\alpha_0, \alpha_1), min(\alpha_0, \alpha_1)$$

for i in range(2, len(a)):

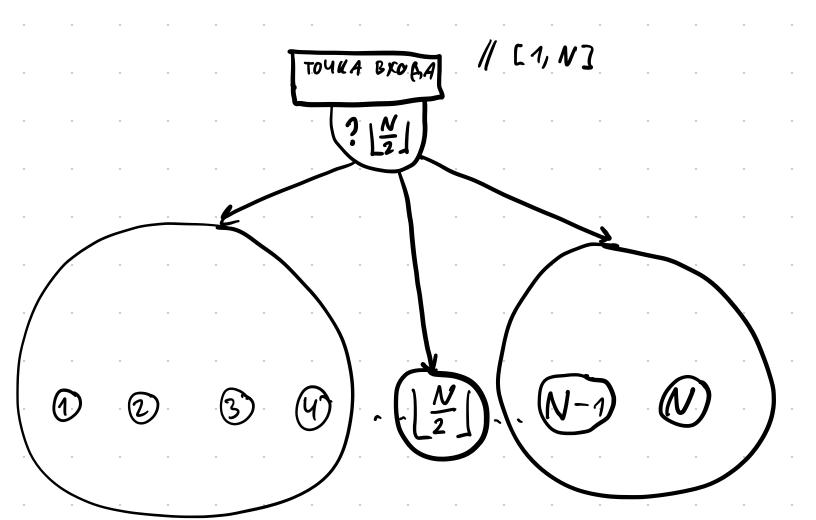
 $if(\alpha_i > m_1):$
 $m_1 = 2$
 $m_2 = m_1$
 $m_1 = 0$
 $m_1 = 0$
 $m_2 = m_1$
 $m_1 = 0$
 $m_2 = 0$

? OPAKVA



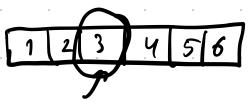
- 1) = HAMAN; BUBOAUM
- 2) > 3 AT A BAHHOTO YUCAO B NEBOÙ MONOBUHE
- 3) < QHANOTUYHO

ΠΟΠΡΟΣΥΕΜ ΟΤ ΠΡΟΤΙΒΗΟΓΟ? $x \in [1, N]$



ANA $\forall x$ POCAE 1 BOMP. 3ABOAUM 2 UHA: | U r UMBAPUAHT: $x \in [1, r]$ TIPU UHUGUAN. I=1r=N

$$v-1:2$$
 $v-1=2K$
? K
 $max(r-1)=K$



$$Y-1/2: Y-1=2K+1$$

$$?3AAAÈM TIPO (K+1)$$

$$max(Y-1)=K$$

$$QCUMITTOT. \Theta(109 N)$$

KAPTO 4H AA UTDA PEPMEPA (3AB. c conteforces) $C_{j} = [C_{j1}, C_{j2}, ..., C_{jm}]$

2 KOD, 3 PAYHGA

MDUMED

$$//$$
 $n=2$

$$\forall j \quad C_{jK_1} - C_{jK_2} = q \cdot n$$

$$\in \mathbb{Z}$$

$$n=3$$
 $m=3$
 0
 1
 2
 3
 4
 5
 6
 7
 8

1:
$$(m_1 \quad m_1 + q_1 n \quad m_1 + q_2 n \quad \dots \quad m_1 + Q \cdot n)$$

27

3;

KAPTOI KAXGOÙ KOD. NMENT BUA:

 $m_1, m_1 + n, m_1 + 2n_1, \ldots, m_1 + (m-1)n$

min kapt y kopobbl 1