

Agenda

* Array splitting & Merging

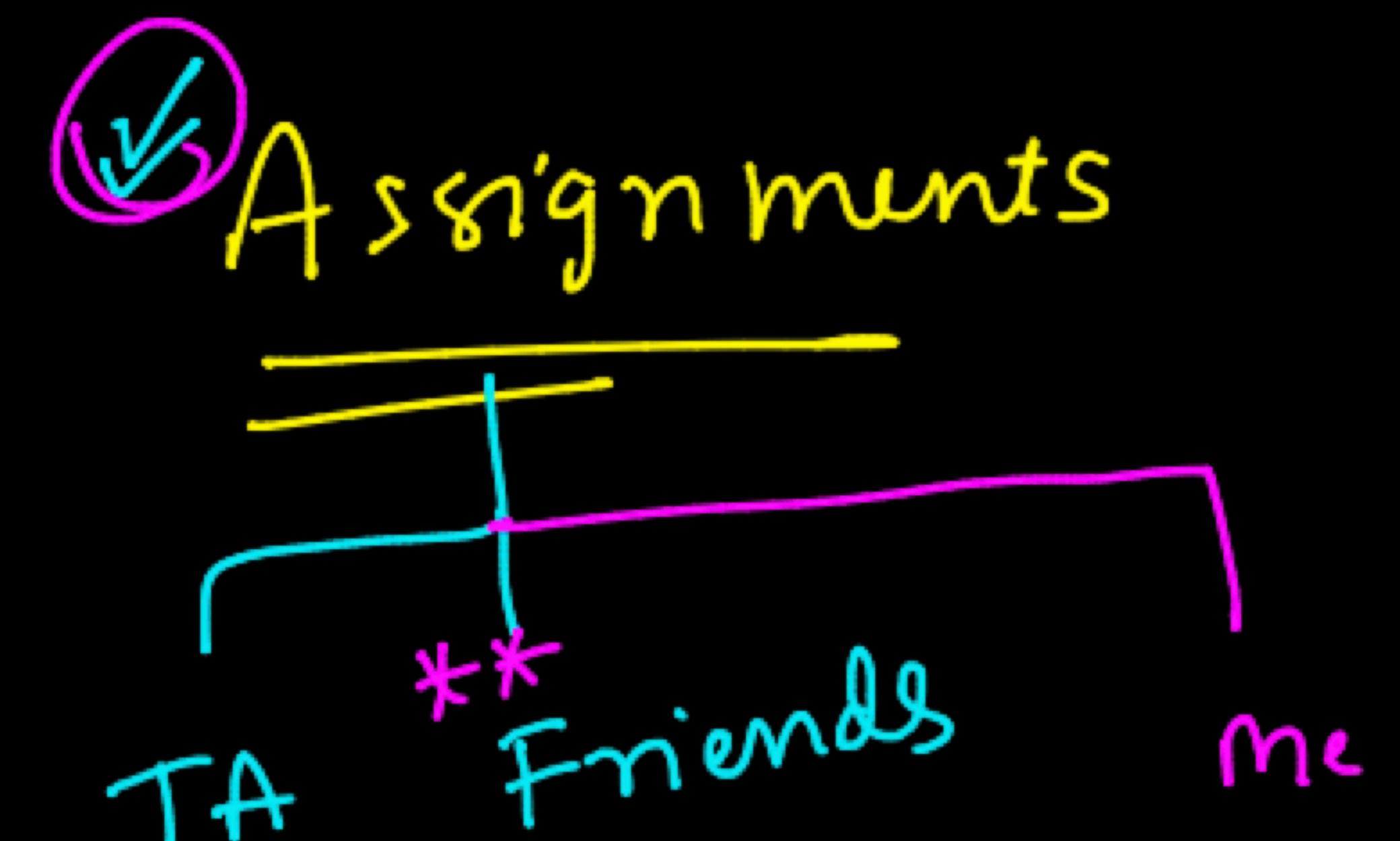
Broadcasting

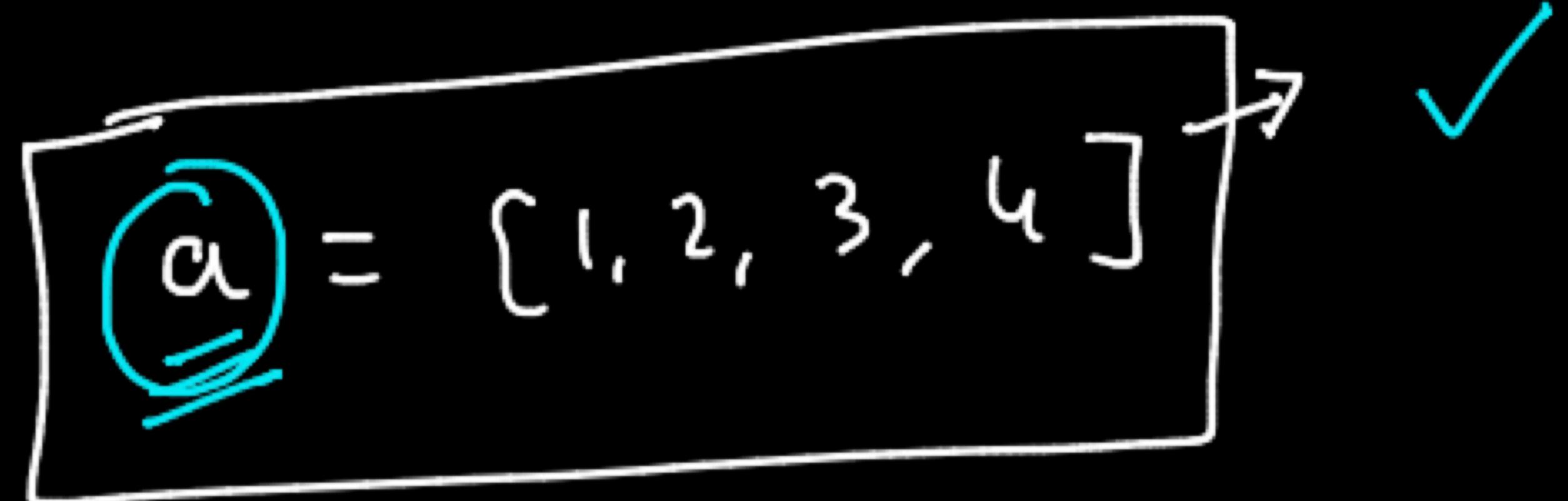
* Dimension Expansion & Reduction

* Problem solving

medium

Assignment

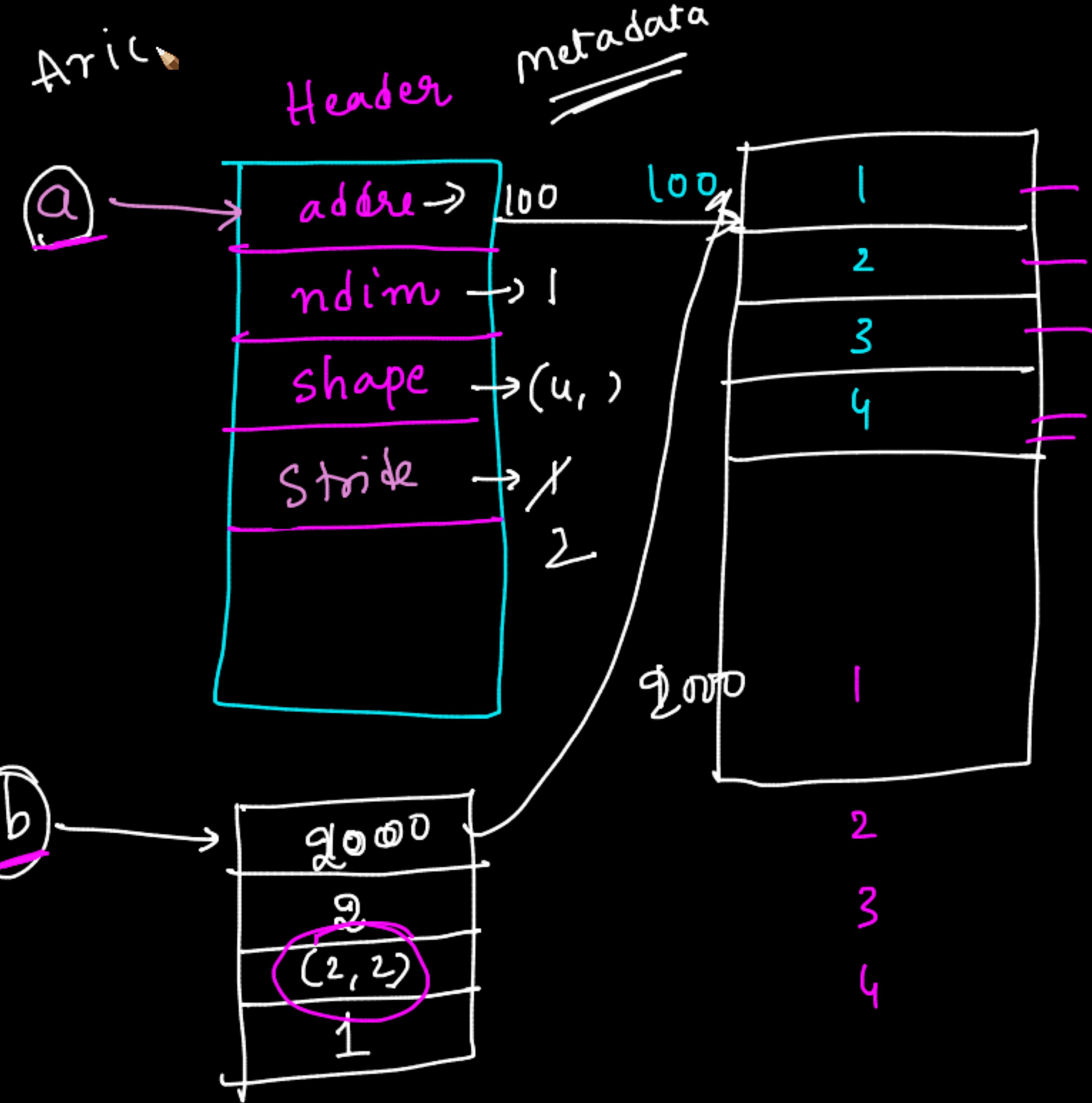




$a[0] = 100$

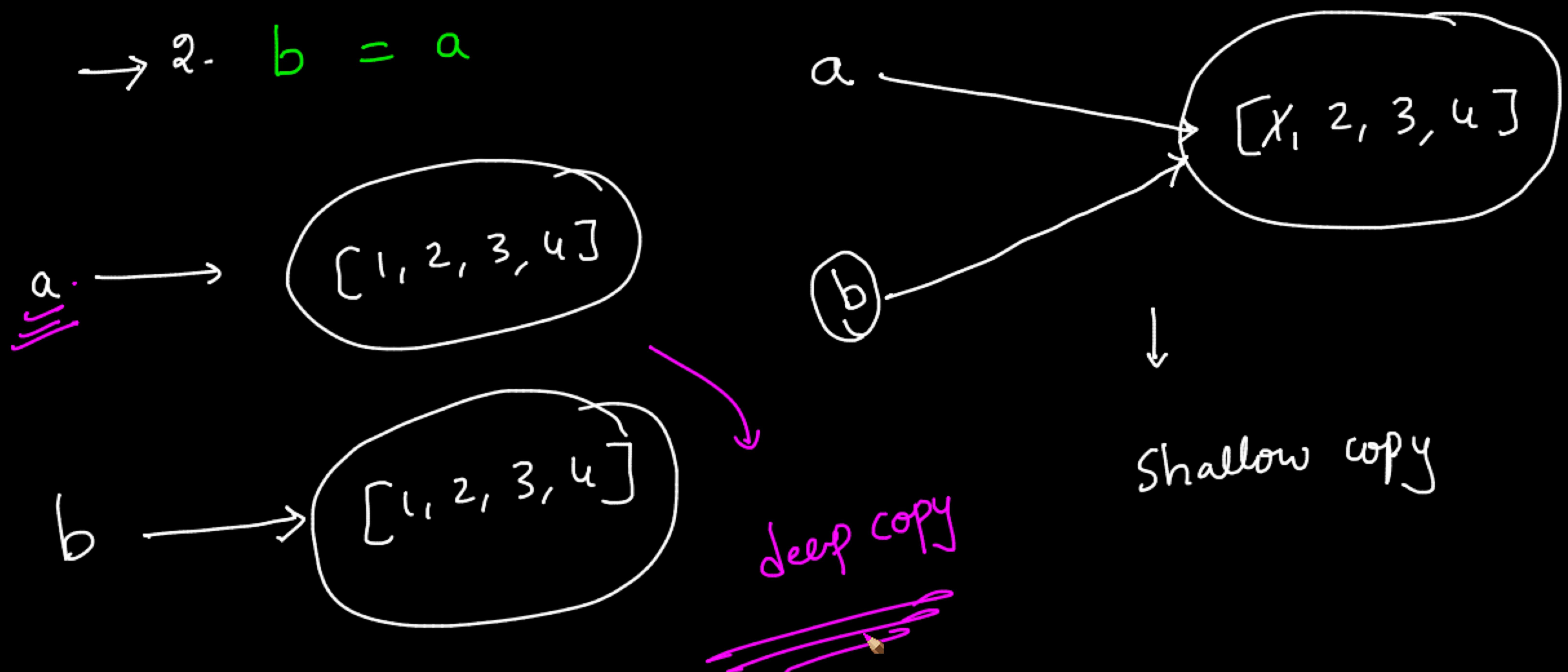
$b = a.reshape(2, 2)$

shallow copy

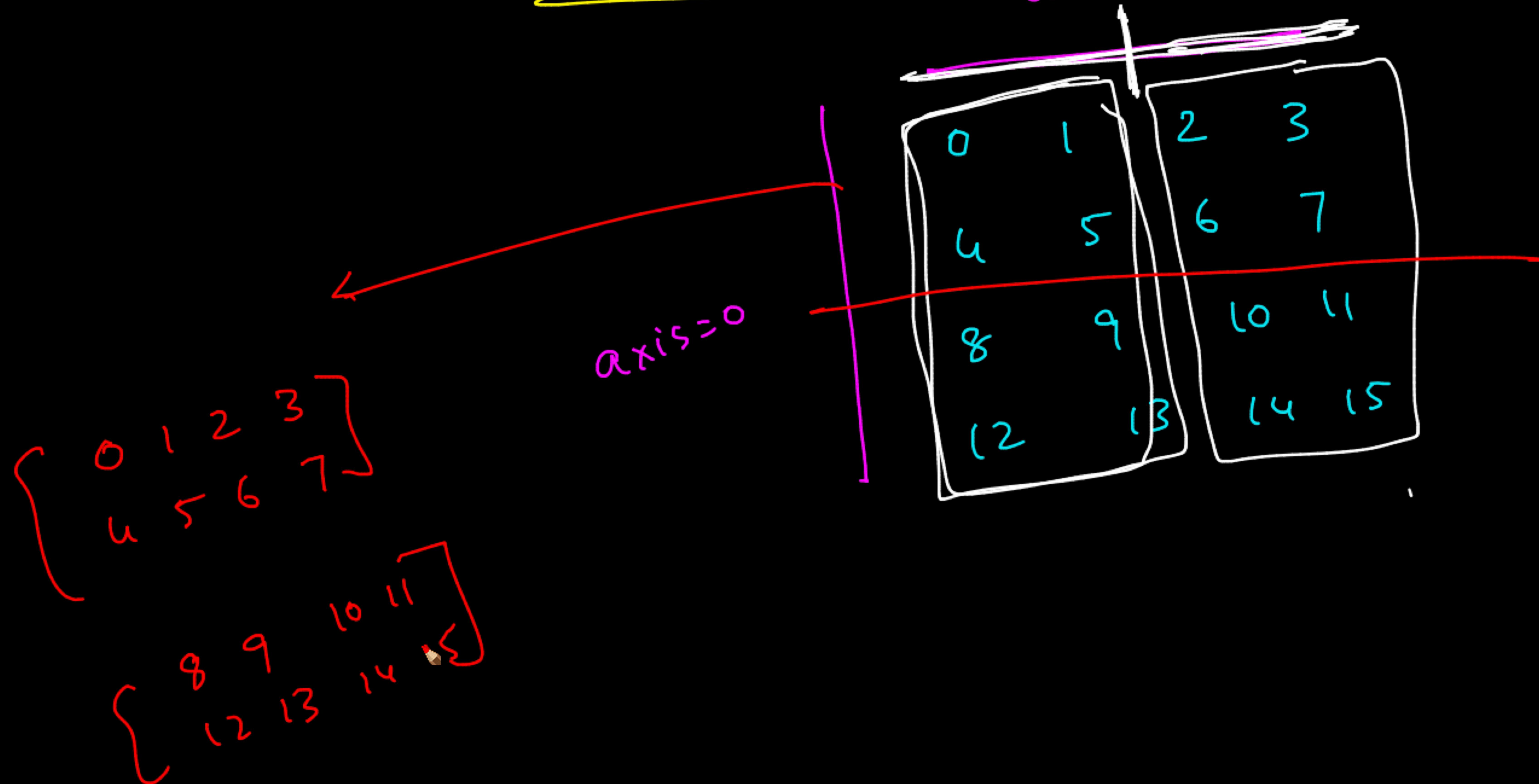


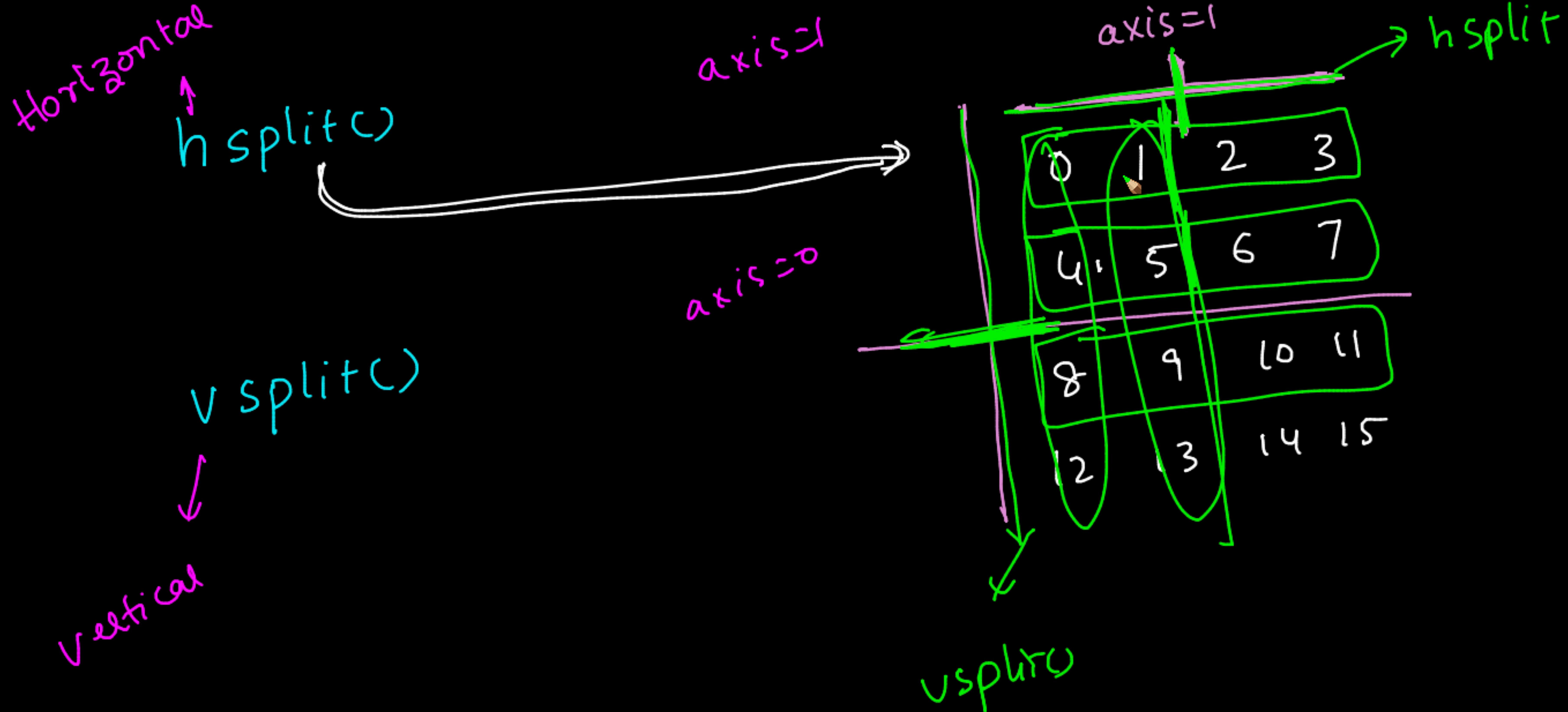
→ 1. $a = [1, 2, 3, 4]$

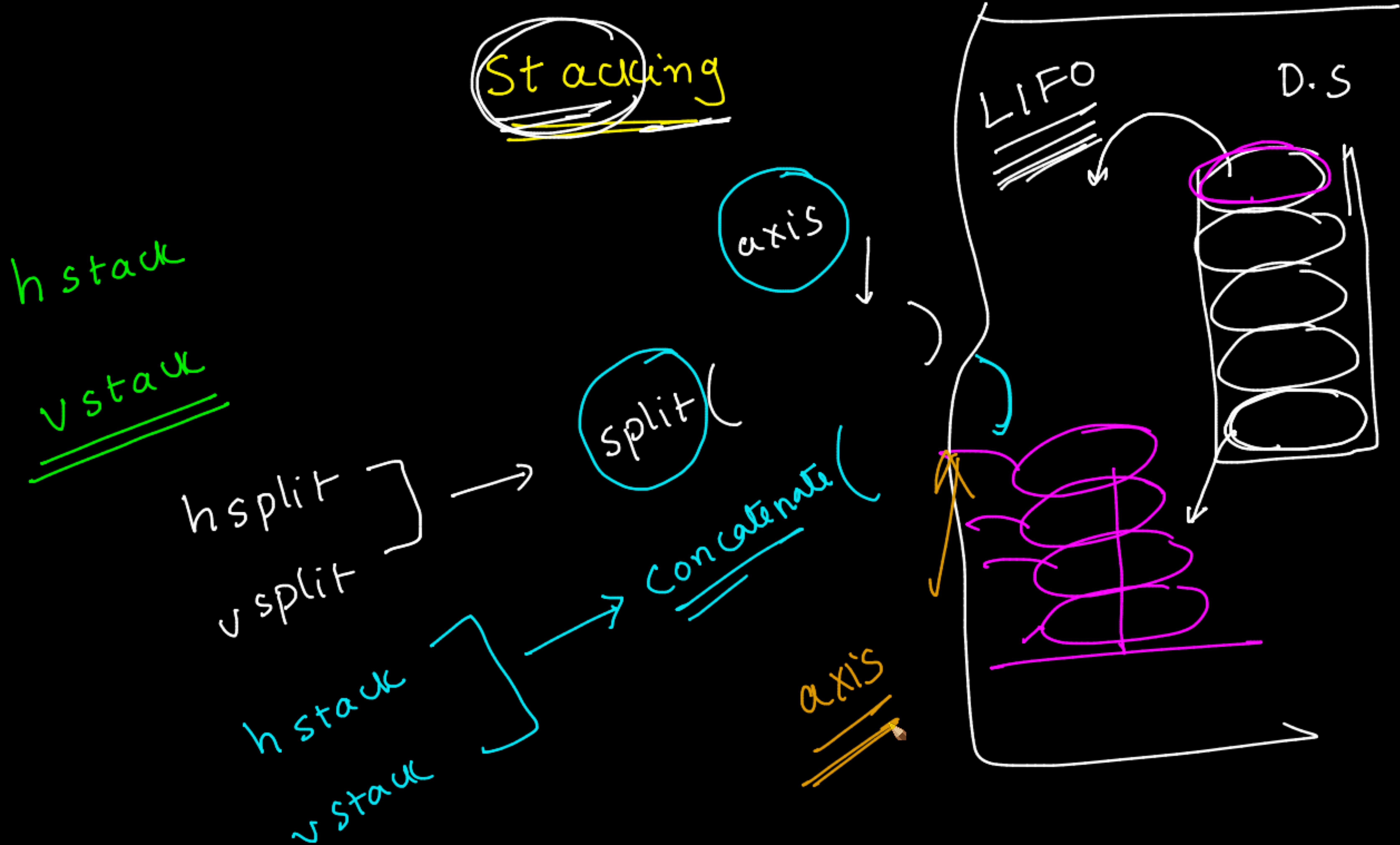
→ 2. $b = a$



Array splitting





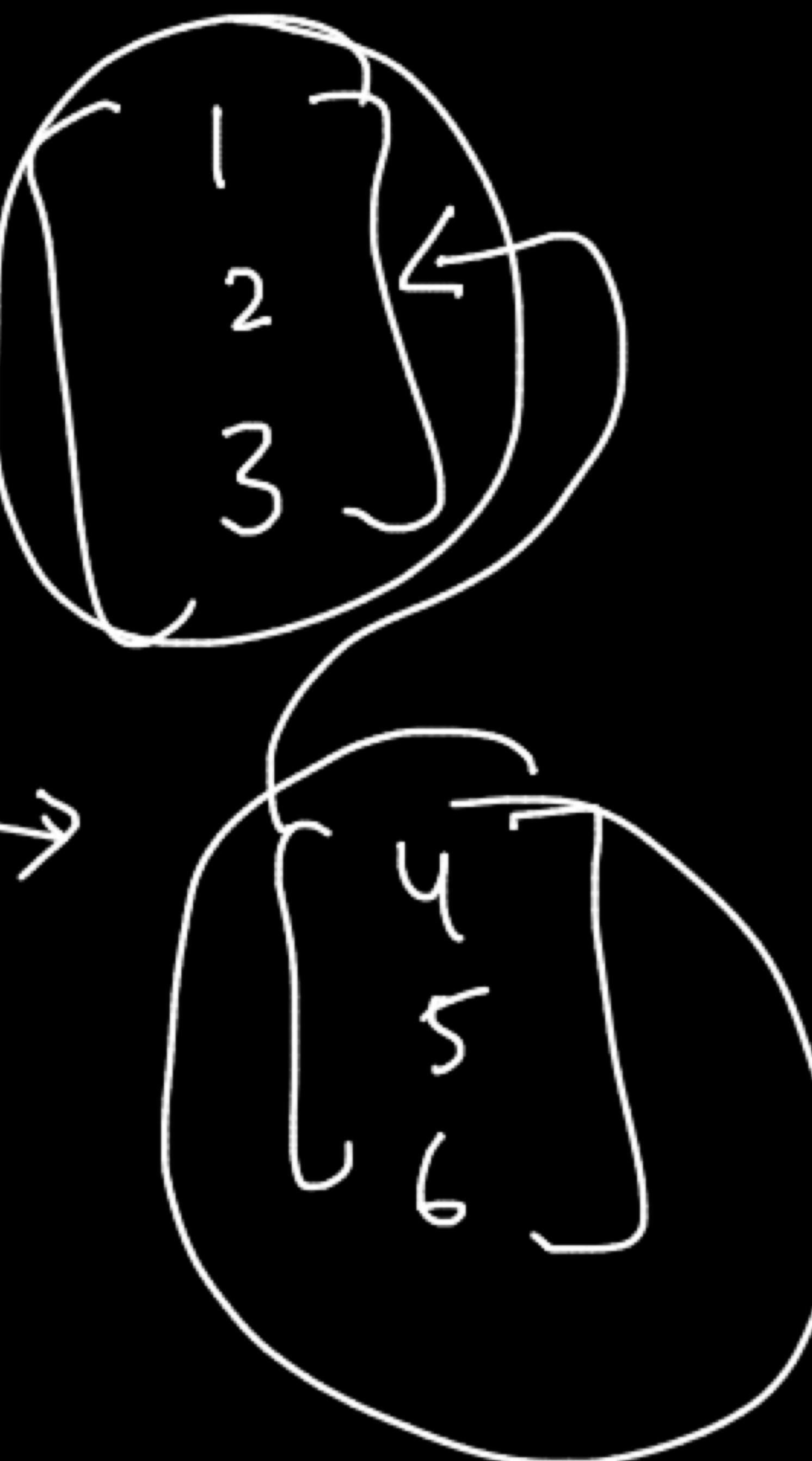


✓

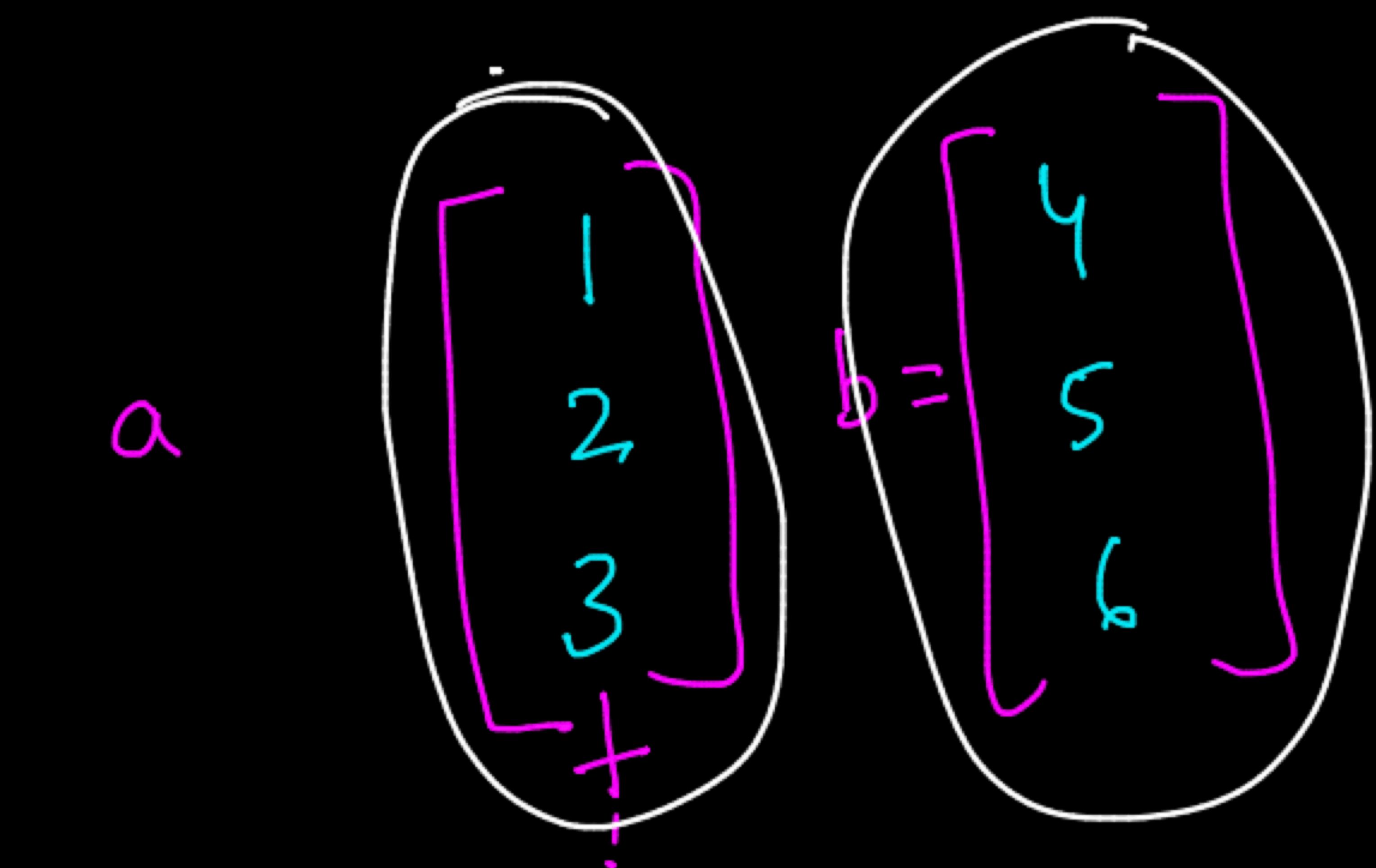
$$a = [1, 2, 3]$$

$$b = [4, 5, 6]$$

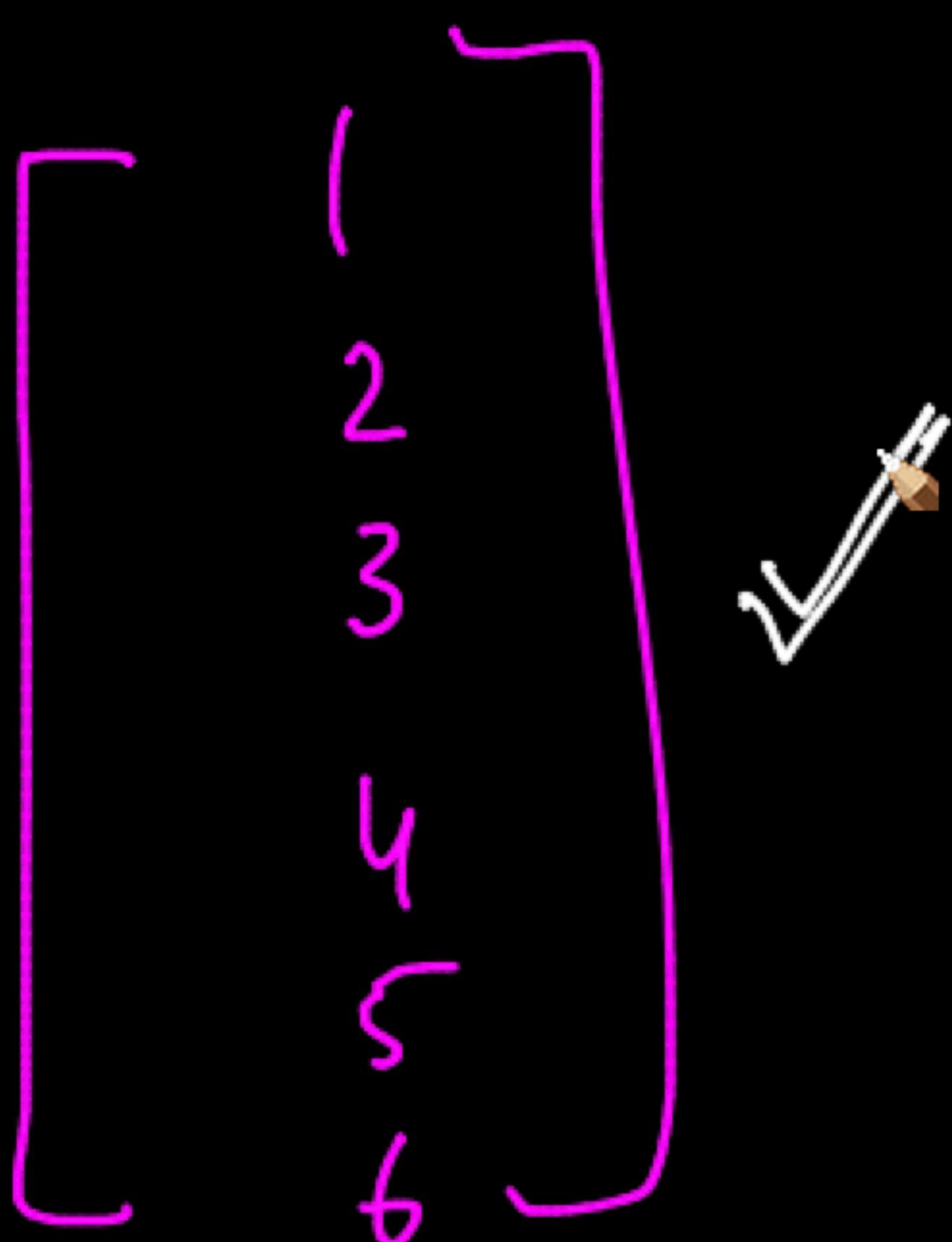
$$[1, 2, 3, 4, 5, 6]$$

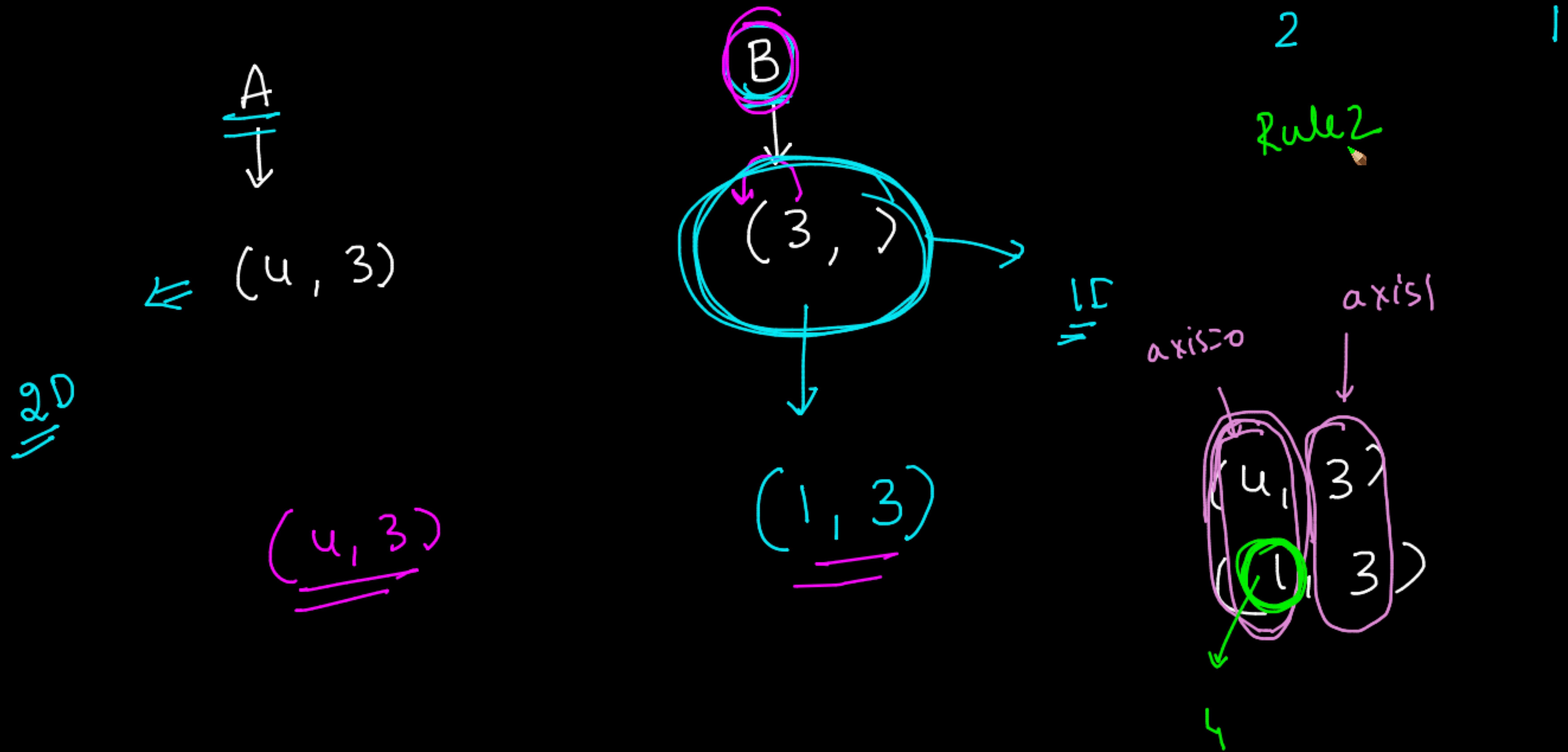


$$\begin{bmatrix} 1 & 4 \\ 2 & 5 \\ 3 & 6 \end{bmatrix}$$



vstack





a * b

(3 , 3)

Cursor selected

