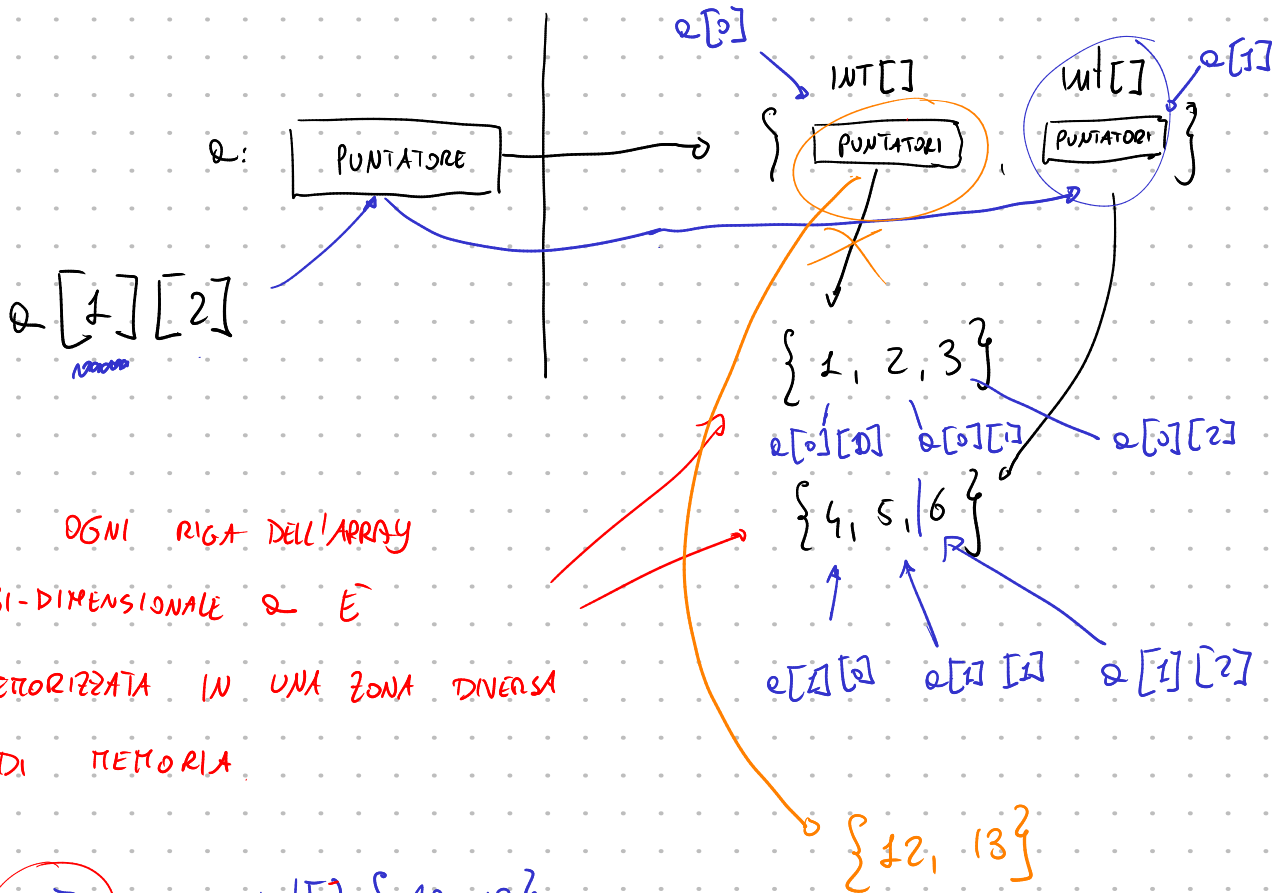
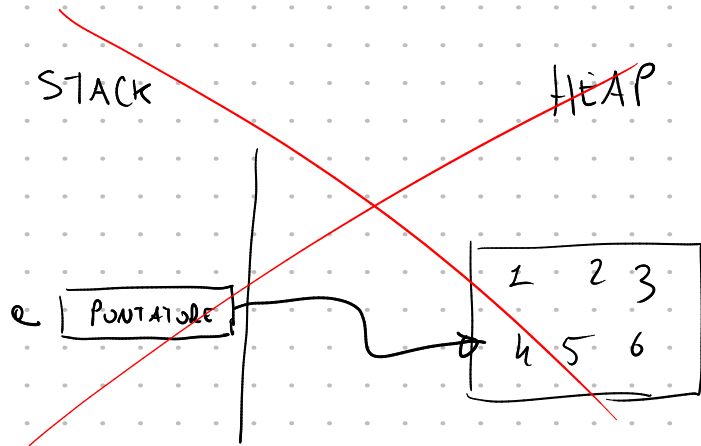


~~ARRAY MULTIDIMENSIONALI~~

ARRAY DI ARRAY

int [][] a = { {1, 2, 3}, {4, 5, 6} }

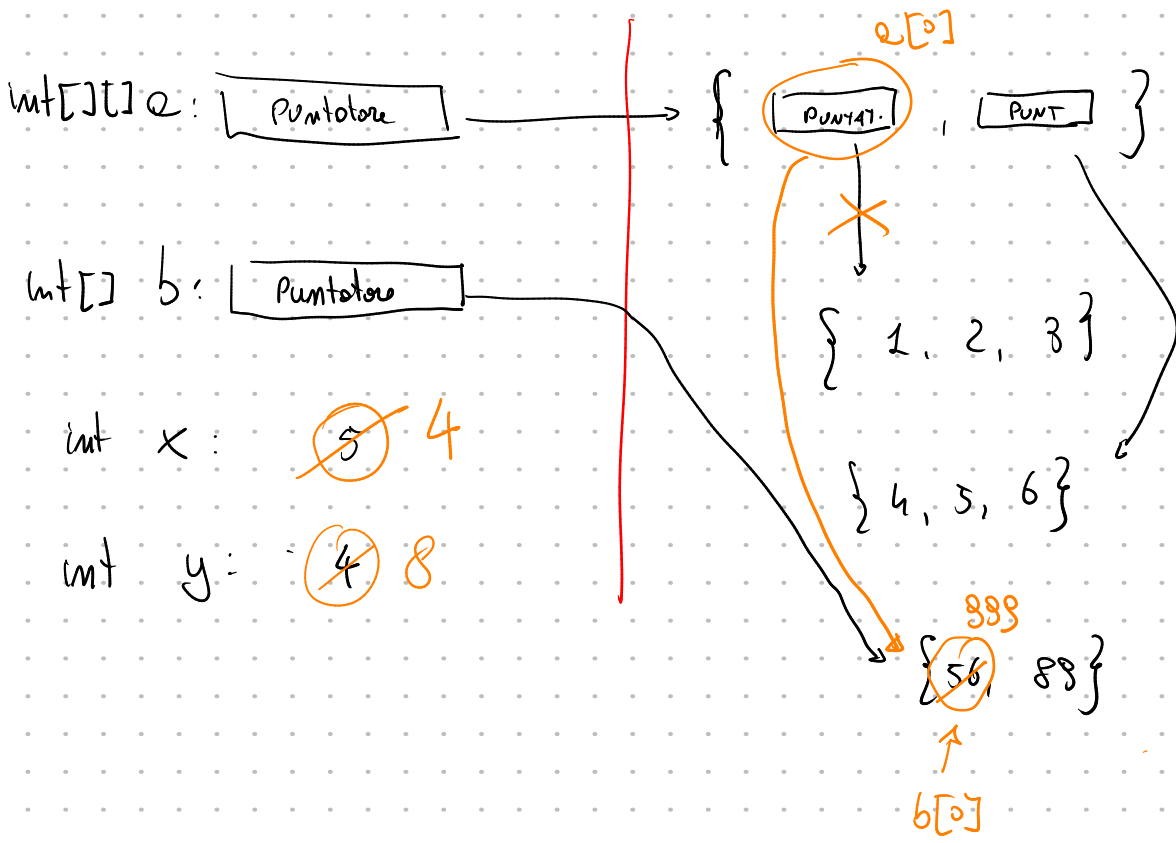
2 righe {  
1 2 3  
4 5 6  
3 colonne



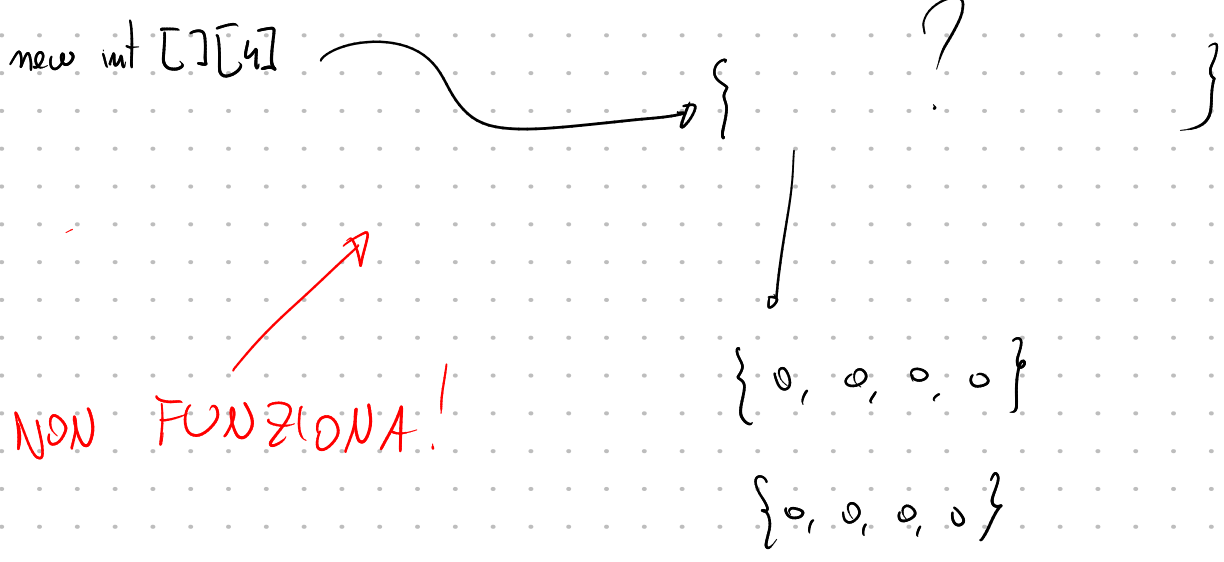
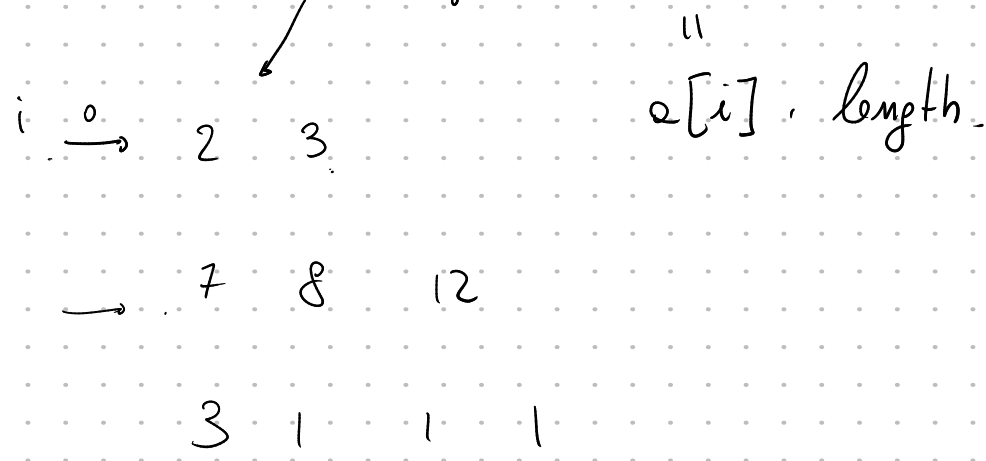
OGNI RIGA DELL'ARRAY  
BI-DIMENSIONALE  $a$  È  
MEMORIZZATA IN UNA ZONA DIVERSA  
DI MEMORIA

$a[0] = \text{new int}[] \{12, 13\}$

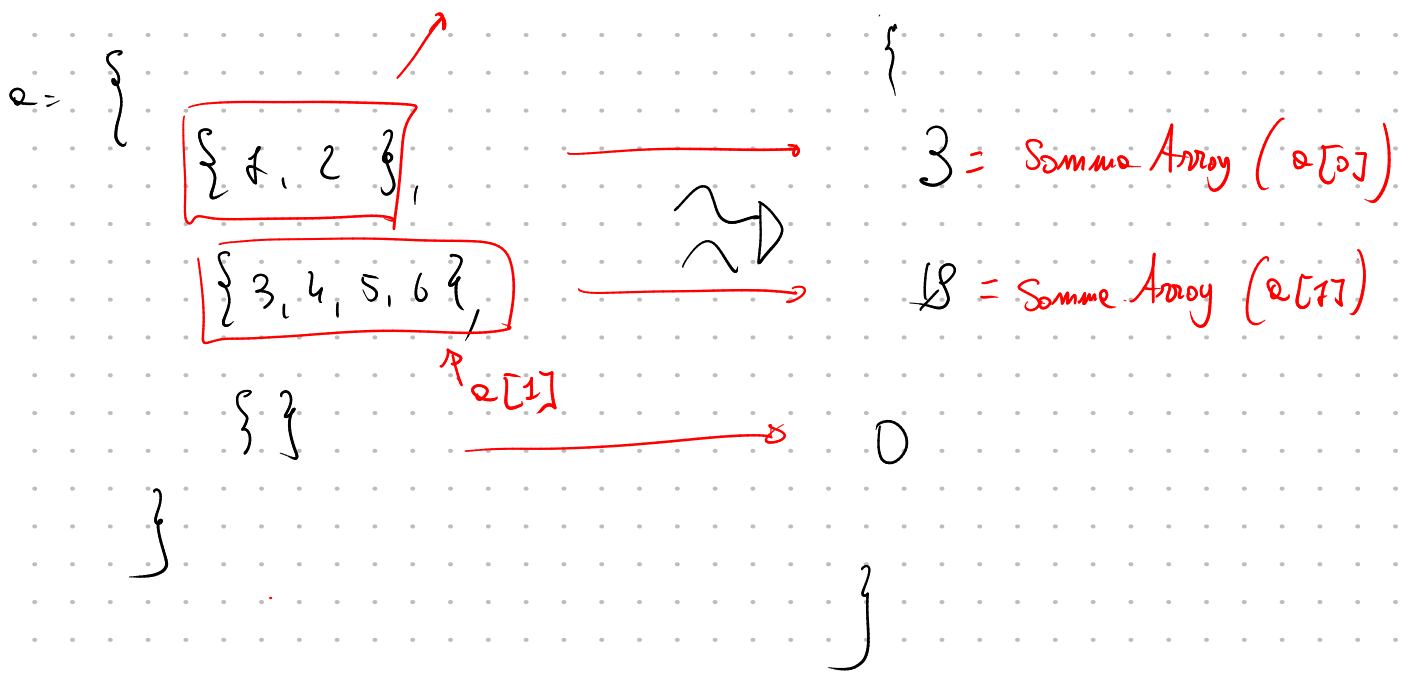
12 13  
4 5 6



$0 \leq j < \text{lunghezza riga } i\text{-esima}$



Somme per righe ARRAY 1D  $a[0]$



Somma di MATRICI

$$\begin{pmatrix} 1 & 0 \\ 2 & 2 \\ 4 & 5 \end{pmatrix} + \begin{pmatrix} 2 & 1 \\ 4 & 1 \\ 1 & 0 \end{pmatrix} = \begin{pmatrix} 1+2 & 0+1 \\ 2+4 & 2+1 \\ 4+1 & 5+0 \end{pmatrix} = \begin{pmatrix} 3 & 1 \\ 6 & 3 \\ 5 & 5 \end{pmatrix}$$