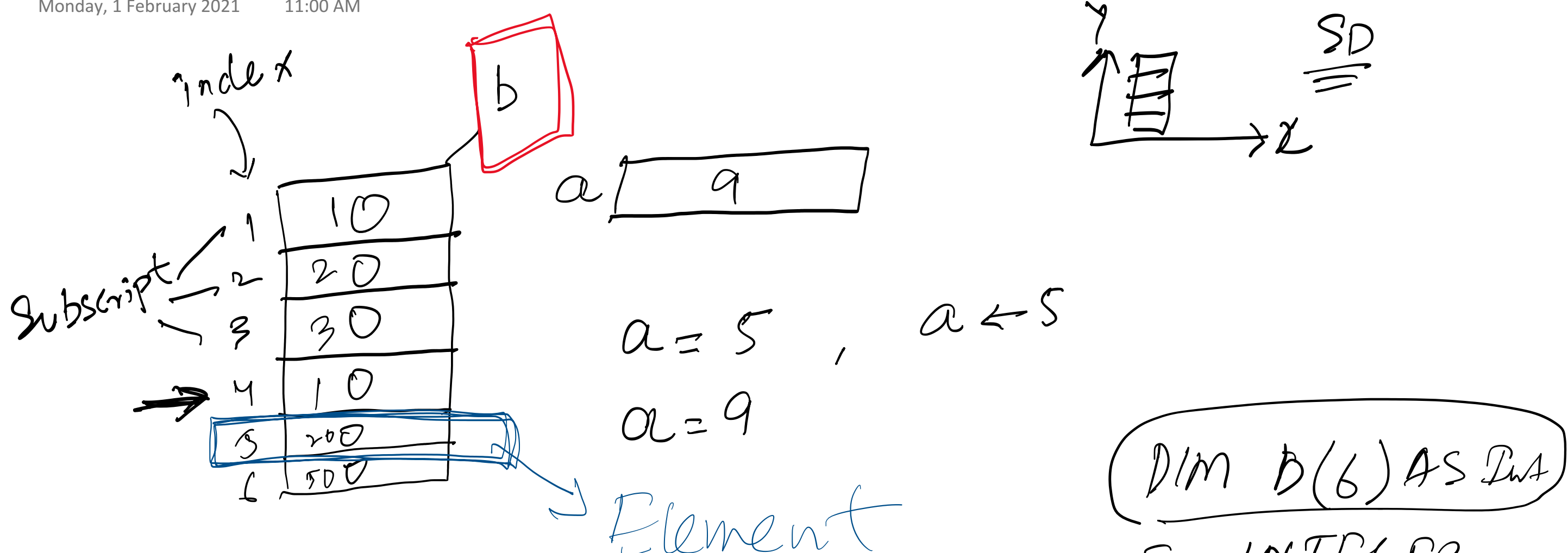


# Arrays

Monday, 1 February 2021 11:00 AM



✓ DECLARE  $b$  : ARRAY [1:6] OF INTEGER  
 $b[4] \leftarrow 9$   
 // Initialise  
 For  $i \leftarrow 1$  TO 6

$b[i] \leftarrow 0$

Next

// Populate (Input to every array element).

For  $i \leftarrow 1$  TO 6

INPUT  $x$

$b[i] \leftarrow x$

Next

// Process

Highest  $\leftarrow 0$

Total  $\leftarrow 0$

For  $i \leftarrow 1$  TO 6

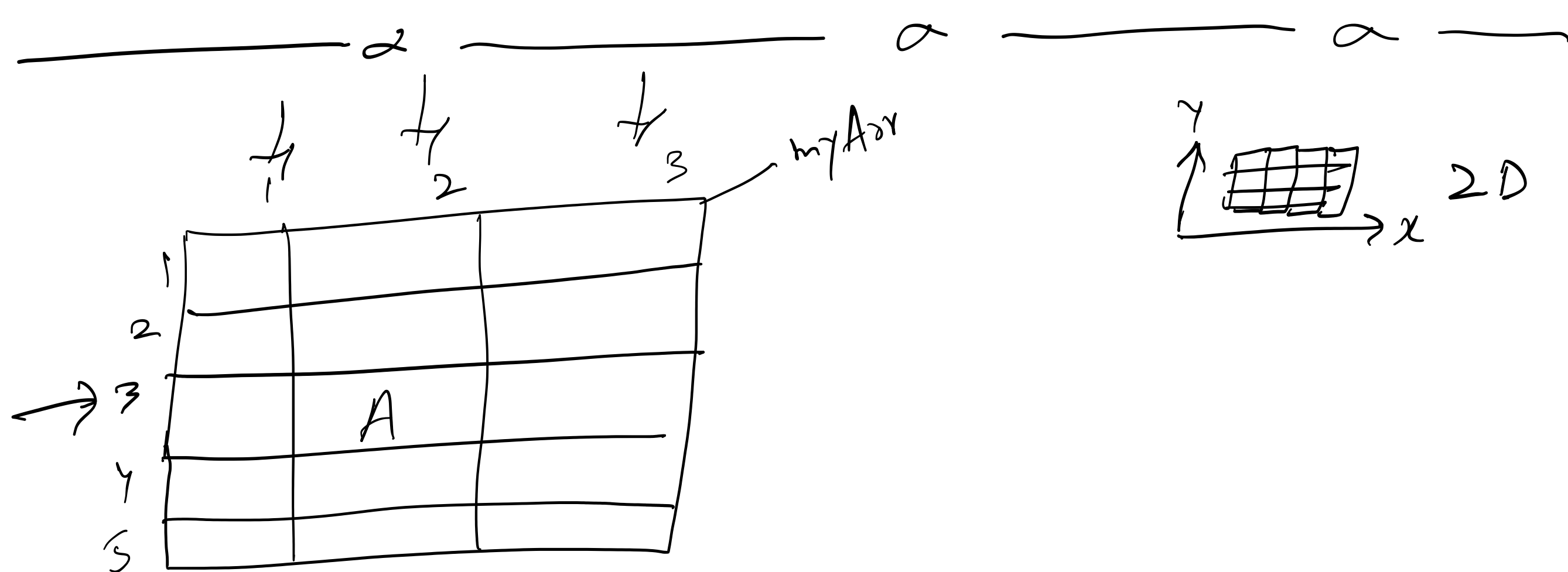
Total  $\leftarrow$  Total +  $b[i]$

IF  $b[i] >$  Highest Then Highest  $\leftarrow b[i]$

Next

Arg = Total / 6

OUTPUT Arg, Highest



DECLARE myArr : ARRAY [1:5, 1:3] OF CHAR  
 rows cols

$\text{myArr}[3, 2] \leftarrow 'A'$

// INITIALISE a 2D Array.

For row  $\leftarrow 1$  TO 5

For col  $\leftarrow 1$  TO 3

$\text{myArr}[\text{row}, \text{col}] \leftarrow ''$

Next col

Next row