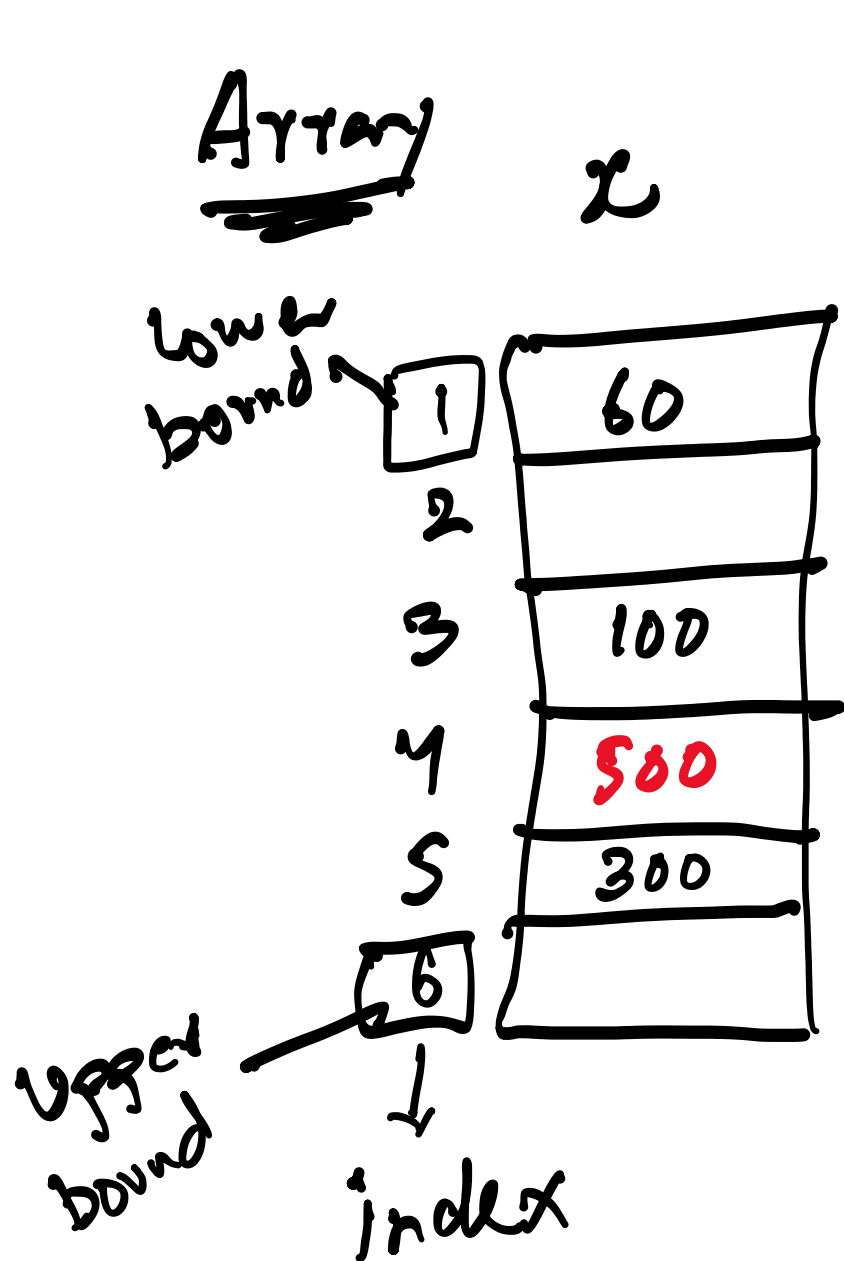


Array: a Data Structure (DS) which is used to hold many data items together in consecutive memory locations and make those items available through the use of index.

Data Structure (DS): It means of keeping data in computer's memory and making it accessible as and when required.

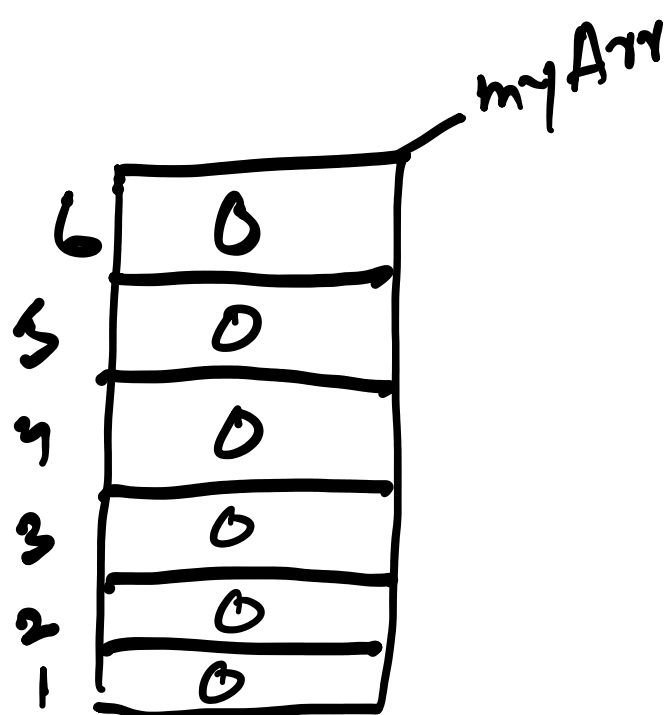


$x[3] \leftarrow 100$   
 $x[5] \leftarrow 300$   
 OUTPUT  $x[1]$   
 $i \leftarrow 4$   
 $x[i] \leftarrow 500$

Variable

$y \leftarrow 6$

$y \leftarrow 6$



$\leftarrow$  DECLARE myArr = ARRAY [1:6] OF INT  
 $\leftarrow$  myArr[1:6]

// Initialise myArr

For  $i \leftarrow 1$  To 6

    myArr[i]  $\leftarrow$  0

Next