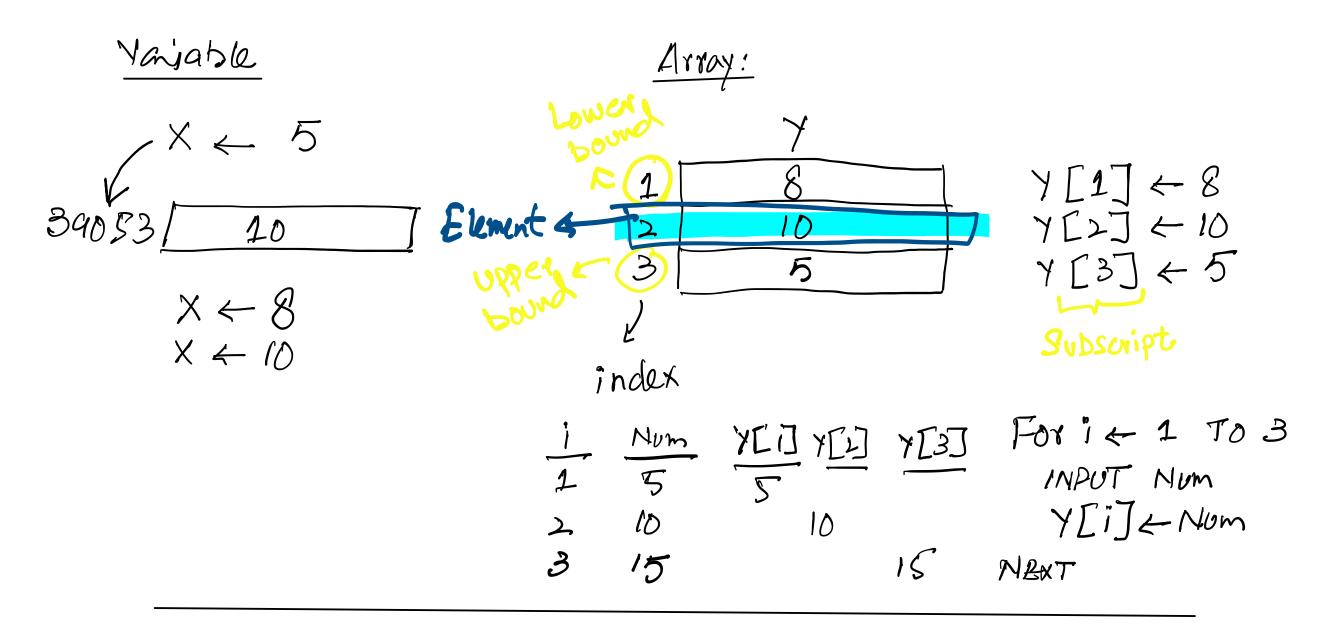
Monday, 20 March 2023 2:17 PM



Array Operations:

1. Declaration: Asking computer to create space for the array in memory.
2. Initialisation: To clean gartage all elements of array are set to a val.
3. Population: Taking input from use & storing it in subsequent array 4. Output: A method/sudocode to output all array elements. Elements
5- Linear Search: A particular melhod; that searches line by line in array.
6. Bubble Sert: A particular algorithm to sort all array items.

DECLARATION:

Syntax: DECLARE carrog Name > : ARRAY [LB: UB] OF Eddartype>

Statement: BECLARE MYAN : ARRAY [O: 9] OF INTEGER

MITIALISATION:

FOR 1 - 0 TO 9
MEXT

Initialisation default values!

Integer/Real/currency & O

STRING & "In

CHAR & "I

BOOLDANK FALSE

Population: Array population is a procen of filling an array with its data values. It involves initialising the array with its initial values to the array elements. Population can be done in various ways, such as initialising the array with predefined values, assigning values within a loop or series of statements and reading values from a file or ose input.

Minput duta from keyboard and store in subsequent array 11 elements

For inclex to 0 TO 9

INPUT a Please input a mober. ", Num

my Arr [inclex] to Num

NEXT

DUTPUT: An algorithm that reads (by accenting in order) all array elements and output them to the screen or the printer.

FOR Index & O TO 9

OUTPUT my Arr [index]

NEXT