Arrays

- Arrays is defines as collection of similar data types.

A

0	1	2	3	4
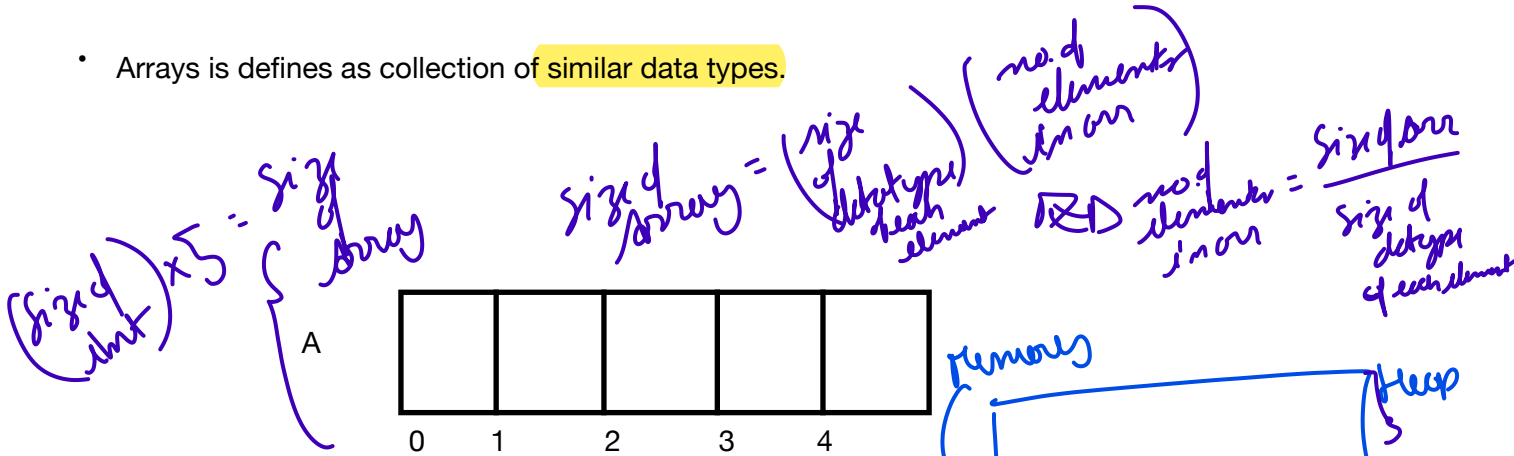
- *Declaration* of arrays is as follows int A[5] ;

- Each location can be *accessed* as A[0] = 27;
                                       A[1] = 10;

A

27	10			
0	1	2	3	4
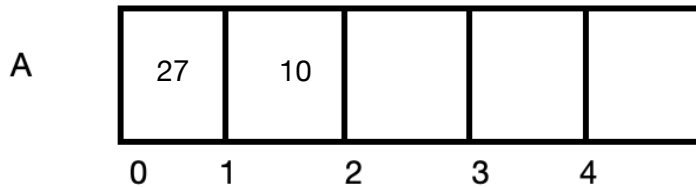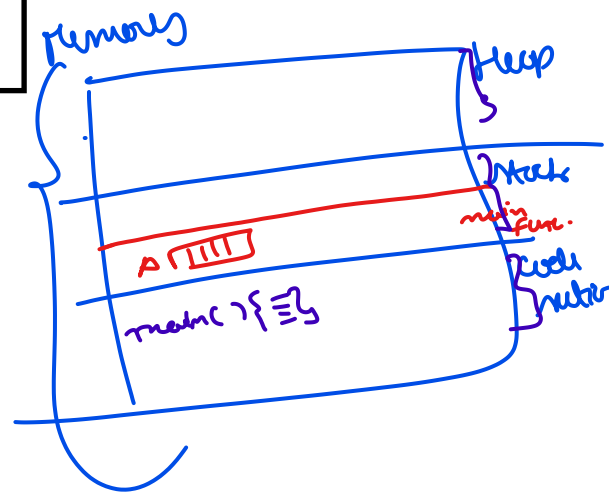
- The array will be created in the *main memory* if inside a function

- The Declaration and Initialisation of array is as follows

        Int B[5] = { 2, 9, 6, 8, 10 } ;

- You can also access each element of array using *for loop*

Memory Section	Description
Stack	Used for local variables and function calls.
Heap	Dynamically allocated memory for persistent data.
Code Section	Stores executable instructions.