

ARRAYS

* Arrays are group of data items (group of memory locations) define with the common variable name having the same data type. Arrays are categorized into

- A] Single dimensional array
- B] Two dimensional array
- C] Multidimensional arrays.

A] Single dimensional array or (One dimensional)

An array is a group of data items define with the common variable name having the same data type. While defining array, array size must be specified which indicates the number of memory location are to be reserved. Each of the memory locations are numbered sequentially from 0 to 1 less than the array size. Array size must be constant expressions.

Elements of single dimensional array can be accessed with the help of subscript value. Subscript value which makes array element unique.

Subscript value can be an integer constant or an integer variable. Subscript value must be within the range of array bound. If