

Arrays: A Theoretical Approach of Memory Allocation

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ABSTRACT

This Paper describes full discussion about arrays. All topics about array like: Definition of an array, Declaration of array, Types of arrays (SDA, DDA, MDA), Memory allocation (Row Major & Column Major forms), Subscripting, Initialization, Inputting, Outputting etcetera are discussed in detail.

Keywords: Array, Homogenous, Contiguous, Linear, Primary Data type, Lower Bound, Upper Bound, SDA, DDA, MDA, Declaration, Allocation, Row Major, Column Major, Initialization, Subscripting, Indexing, Base Address.