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| --- | --- | --- |
| Array | Struct | Class |
| * A collection of variables of same data type. * Array Elements are stored in contiguous memory locations * Array declaration and element accessing operator is [] * Points to the first element in the array * Objects of an array cannot be created. * Every element in an array is of the same size. * Not user defined they are directly declared. | * A collection of variables of different data types. * Not stored in contiguous memory locations * Structures elements are accessed by names * Struct operators accessing operator is:. * Does not point to the first element in the structure because structure name is not a pointer * Struct is a user defined data type. * No Null Values are possible. | * If access specifier is not declared by default all member are private. * Instance of a class is called object. * Supports polymorphism and a class can also be inherited. * Heap * Can nave Null Names |