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Module 2-1 ARRAY

Exercise

Answer each of the following:

1. Lists and tables of values are stored in _____.

2. The number used to refer to a particular element of an array is called its _____.

3. A(n) _____ should be used to specify the size of an array because it makes the program more scalable.

4. The process of placing the elements of an array in order is called _____ the array.

5. Determining whether an array contains a certain key value is called _____ the array.

6. An array that uses two subscripts is referred to as a(n) _____ array.

Answer

State whether the following are true or false. If the answer is false, explain why.

1. An array can store many different types of values.

2. An array subscript can be of data type `double`.

3. If there are fewer initializers in an initializer list than the number of elements in the array, C automatically initializes the remaining elements to the last value in the list of initializers.

4. It is an error if an initializer list contains more initializers than there are elements in the array.

5. An individual array element that's passed to a function as an argument of the form `a[i]` and modified in the called function will contain the modified value in the calling function.

Answer