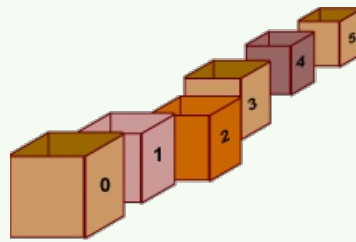




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CHAPTER 47 — Common Array Algorithms



Chapter Topics:

- Arrays and counting loops
- Enhanced for loop
- The length of an array
- Finding the maximum and minimum of an array of numbers
- Finding the sum of the elements of an array
- Computing the average of the elements of an array

An array that uses a single subscript is called a **one dimensional** array. This is because one index is used to access the values in the array. Its cells are like numbered boxes lined up one after the other in a line.

A two dimensional array requires two indexes to access values. Its cells are like boxes arranged into a rectangle. Arrays of even higher dimension are possible, although rarely used. This chapter discusses typical ways to use one dimensional arrays.

QUESTION 1:

How could you print out every element of an array with 100 cells?

