Question

A programmer has been given a set of data stored in an array.

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Write an algorithm in pseudocode which will update the array so that each array value is one more than it was to begin with.

Answer

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There are always different ways to solve a problem. This algorithm is just an example. What is important is that the logic is correct!

LOGIC:

-Create a loop to iterate for the same number as there are items in the array
-In each iteration:
-Add 1 to the array item
-Overwrite the array item with the new value

EXAMPLE ALGORITHM:

array = [34, 54, 22, 32]
for item = 1 to array.length
**   new_value = array[item] + 1**
**   array[item] = new_value**

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