

**Question**

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Write an algorithm in pseudocode which will add each item in the array together, using a loop, resulting in the sum being displayed.

**Answer**



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## Answer

\*\*\*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 variable to store the total
- Create a loop to iterate for the same number as there are items in the array
- In each iteration, add the array item to the total
- Display the total when the loop finishes

EXAMPLE ALGORITHM:

```
array = [34, 54, 22, 32]
```

```
total = 0
```

```
for item = 1 to array.length  
  total = total + array[item]  
next item
```

```
print(total)
```