

Function: ???

Write the code out for the following function in Pascal or C. Then hand execute the code you have written.

Once you have done that, give a name for this function based on what you think it does.

Details

Return Type

The function returns a **Boolean** value.

Parameters

- **data**, an array of Integers **passed in by reference**
- **numb**, an Integer

and, if you decide to use C:

- **size**, an Integer

Steps

1. Assign **result** to **false**.
2. For each element in the array **data** check if the current value, **data[i]**, is equal to **numb**.
3. If so, **result** is now **true** and for each value starting at this current value, **data[j]**, ending before the very last value in the array **data**, assign that value to this loop's current value's next value, i.e., **data[j] := data[j+1]**.
4. The last value in **data** is equal to 0.

Hand Execution Data

- **data** = [5, 6, 7, 8, 9, 10, 11, 12]
- **numb** = 8
- **size** = 8

Example Result

```
data    is now = [5, 6, 7, 9, 10, 11]
result  is now = true
```