4 **(a)** State **one** reason for using a verification check when inputting data.

.....

..... [1]

(b) Write the pseudocode for an algorithm to perform a double entry verification check, using the following criteria:

- Input 10 numbers and store them in the array `Numbers[]`
- Input the same 10 numbers again; as each number is input, compare it with its corresponding number in the array `Numbers[]`
  - if the numbers match, move on to the next number
  - if the numbers do not match, display both numbers and ask for the number to be re-entered
  - store the re-entered number in the corresponding array location and move on to the next number.
- When all the numbers have been checked, display a message to say the check has been completed.

You do **not** need to declare any arrays or variables for this algorithm.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [6]