**Week 1**

**2. Write the pseudocode for finding duplicate values in an array.**

Step 1: Start

Step 2: Declare and initialize an array.

Step 3: To find duplicate elements we can use two loops. The outer loop will emphasize through the array starting from 0 to the length of given array. An element will be selected by the outer loop. And the inner loop will pass down the elements for comparing the selected elements with the rest of elements of the array.

Step 4: If a match of element is found that means duplicate element is found.

Step 5: After that display the element.

Step 5: End