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C program to find repeated elements in an array.

Algorithm

Step 1: Start

Step 2: Initialise  $arr[] = \{1, 2, 3, 4, 2, 7, 8, 8, 3\}$

Step 3:  $length = \text{sizeof}(arr) / \text{sizeof}(arr[0])$

Step 4: Print "Repeated elements in given array"

Step 5: Set  $i = 0$ . Repeat step 6 to step 9 until  $i \leq length$

Step 6: Set  $j = i + 1$ . Repeat step 7 to step 8 until  $j \leq length$

Step 7: If  $(arr[i] == arr[j])$   
 Print  $arr[i]$

Step 8:  $j = j + 1$

Step 9:  $i = i + 1$

Step 10: Return 0

Step 11: End

Flowchart

