

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: $length = \text{size of } arr / \text{size of } arr[0]$
 Step 4: Print "Repeated elements in given array"
 Step 5: Set $i = 0$, Repeat Step 6 to Step 9 until $i < length$
 Step 6: Set $j = i + 1$, Repeat Step 7 to Step 8 until $j < length$
 Step 7: $if(arr[i] == arr[j])$
 Print $arr[j]$

- Step 8: $j = j + 1$
 Step 9: $i = i + 1$
 Step 10: Return 0
 Step 11: Stop

Flowchart:-

