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Code, Compile & Run

File

C/C++

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x

```

1 #include <stdio.h>
2 #include <stdlib.h>
3 int main()
4 {
5     int arr[] = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10};
6     int length = sizeof(arr)/sizeof(arr[0]);
7     printf("Repeated elements in given array: ");
8     for(int i = 0; i < length; i++)
9     {
10         for(int j = i + 1; j < length; j++)
11         {
12             if(arr[i] == arr[j])
13             {
14                 printf("%d ", arr[i]);
15             }
16         }
17     }
18     printf("\n");
19 }

```

r6D

Open File

Custom Layout

Run

Custom Input:

23

Status: Successfully executed Date: 2020-09-09 11:06:40 Time: 0 sec Mem: 4.424 KB

Input

23

Output

Repeated elements in given array:

2
3
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C program to find repeated elements in an array

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Algorithm

Step 1: Start

Step 2: Initialize $arr[] = \{1, 2, 3, 4, 5, 7, 8, 8, 3\}$

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 $arr[i]$

Step 8: $j = j + 1$

Step 9: $i = i + 1$

Step 10: Return 0

Step 11: End

flowchart

