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## Input

```
7
10
22
19
19
63
63
```

## Output

```
Enter size of array
7
Enter the elements of array
10  22  19  19  63  63  98
The repeating elements are
19  63
```

# Repeated Elements In Array

Program :

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int a[20], i, j, n;
```

```
    printf("Enter size of array\n");
```

```
    scanf("%d", &n);
```

```
    printf("Enter the elements of array\n");
```

```
    for (i=0; i<n; i++)
```

```
    {
```

```
        scanf("%d", &a[i]);
```

```
    }
```

```
    printf("\nThe repeating elements are\n");
```

```
    for (i=0; i<n; i++)
```

```
    {
```

```
        for (j=i+1; j<n; j++)
```

```
        {
```

```
            if (a[i] == a[j])
```

```
            {
```

```
                printf("%d\t", a[j]);
```

```
            }
```

```
        }
```

```
    }
```

Algorithm

step1 - start

step2 - Input n

Step 3 - for  $i=0; i < n; i++$

Input  $a[i]$

[End for]

Step 4 - Repeat for  $i=0; i < n; i++$

Repeat for  $j=i+1; j < n; j++$

if  $(a[i] == a[j])$

output  $a[j]$

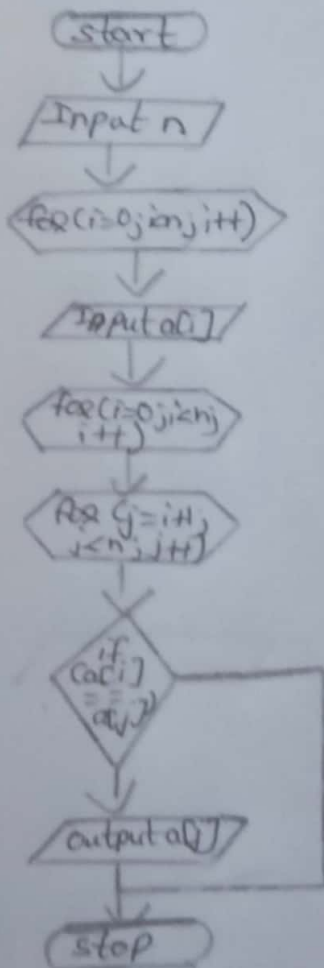
[End if]

[End for]

[End for]

Step 5 - stop

Flowchart



Enter size of array  
7  
Enter elements of array  
10 22 19 19 63 63 98  
The repeating elements are  
19 63