

```

#include<stdio.h>
int main(void)
{
    int a[50],count=0,n,flag,k=0;
    printf("Enter size:\n");
    scanf("%d",&n);
    int r[n],rc=0;
    for(int i=0;i<n;i++)
        r[i]=0;
    printf("Enter the elements:\n");
    for(int i=0;i<n;i++)
        scanf("%d",&a[i]);
    printf("Repeating elements are:");
    for(int i=0;i<n;i++)
    {
        for(int j=0;j<n;j++)
        {
            if(j!=i && a[i]==a[j])
            {
                flag=0;
                for(int k=0;k<n;k++)
                    if(r[k]==a[i])
                        flag++;
                if(flag==0)
                {
                    r[rc]=a[i];
                    rc++;
                }
            }
        }
    }
    for(int i=0;i<rc;i++)
        printf("%d\t",r[i]);
    return 0;
}

```

Enter size:

Enter the elements:

Repeating elements are:6219

Algorithm

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1) Start

2) Input n

3) Repeat through step 3

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

$a[i] = 0$

4) Repeat through step 4

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

Input $a[i]$

5) Repeat through step 5

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

5.1 Repeat through step 5.1

for ($j=0; j < n; j++$)

5.1a if ($j \neq i$ & $a[j] == a[i]$)

5.1a i) flag = 0

5.1a ii) Repeat through step 5.1a ii)

for ($k=0; k < n; k++$)

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

flag++

5.1a) if (flag == 0)

$a[k] = a[i]$

$k++$

6. Repeat through step 6

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

Print $a[i]$.

Flowchart

