

```
21
22     for (i = 0; i < n; i++)
23         printf("%d ", arr[i]);
24     printf("\n");
25
26     x = 22;
27
28     pos =5;
29
30
31     n++;
32
33
34     for (i = n-1; i >= pos; i--)
35         arr[i] = arr[i - 1];
36
37
38     arr[pos - 1] = x;
39
40
41     for (i = 0; i < n+1; i++)
42         printf("%d ", arr[i]);
43     printf("\n");
44
45     return 0;
46 }
47
```

```
10
2 6 10 14 18 3 7 11 15 19
2 6 10 14 22 18 3 7 11 15 19 -1549900535
*** stack smashing detected ***: terminated
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```



```
37 {
38     count++;
39     freq[j] = 0;
40 }
41
42 }
43
44 if(freq[i] != 0)
45 {
46     freq[i] = count;
47 }
48
49 }
50
51
52
53 printf("Frequency of all elements of array are \n");
54 for(i=0; i<size; i++)
55 {
56     if(freq[i] != 0)
57     {
58         printf("%d :%d\t", arr[i], freq[i]);
59     }
60 }
61
62 return 0;
63 }
```

Enter size of array 15

Enter elements in array 2 6 10 14 18 10 3 7 11 15 19 3 7 10 14

Frequency of all elements of array are

2 :1 6 :1 10 :3 14 :2 18 :1 3 :2 7 :2 11 :1 15 :1 19 :1

...Program finished with exit code 0

Press ENTER to exit console.

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main.c

```
11
12 int main()
13 {
14     int arr[100], freq[100];
15     int size, i, j, count;
```

input

```
Enter size of array 15
Enter elements in array 2 6 10 14 18 10 3 7 11 15 19 3 7 10 14
Frequency of all elements of array are
2 :1
6 :1
10 :3
14 :2
18 :1
3 :2
7 :2
11 :1
15 :1
19 :1

...Program finished with exit code 0
Press ENTER to exit console.
```


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Language C

main.c

```
1 - /*****
2
3 Welcome to GDB Online.
4 GDB online is an online compiler and debugger tool for C, C++, Python, PHP, Ruby,
5 C#, VB, Perl, Swift, Prolog, Javascript, Pascal, HTML, CSS, JS
6 Code, Compile, Run and Debug online from anywhere in world.
7
8 *****/
9 #include <stdio.h>
10 void main()
11 {
12     int A[10],i,j,n,count=1;
13
14     printf("Enter the number of elements\n");
15     scanf("%d",&n);
16
17     printf("Enter the elements\n");
18     for(i=0;i<n;i++)
19         scanf("%d",&A[i]);
20
21     for(i=0;i<n;i++)
22     {
23         for(j=i+1;j<n;j++)
24         {
25             if (A[i] == A[j])
26             {
27                 count++;
```

input

Enter the number of elements
8
Enter the elements
2 6 10 14 18 10 3 7
Array elements are not unique
...Program finished with exit code 0

04:50 PM
12-10-21