

Untitled1.cpp

```
1  #include <stdio.h>
2
3  int main() {
4      int arr[100], freq[100];
5      int size, i, j, count;
6
7      printf("Enter the size of the array: ");
8      scanf("%d", &size);
9
10     printf("Enter the elements of the array: ");
11     for (i = 0; i < size; i++) {
12         scanf("%d", &arr[i]);
13         freq[i] = -1;
14     }
15
16     for (i = 0; i < size; i++) {
17         count = 1;
18         for (j = i+1; j < size; j++) {
19             if (arr[i] == arr[j]) {
20                 count++;
21                 freq[j] = 0;
22             }
23         }
24         if (freq[i] != 0) {
25             freq[i] = count;
26         }
27     }
28
29     printf("Frequency of all elements of array: \n");
30     for (i = 0; i < size; i++) {
31         if (freq[i] != 0) {
32             printf("%d occurs %d times\n", arr[i], freq[i]);
33         }
34     }
35
36     return 0;
37 }
```

C:\Users\nandh\OneDrive\Documents\Untitled1.exe

```
Enter the size of the array: 7
Enter the elements of the array: 5
2
7
7
5
5
2
Frequency of all elements of array:
5 occurs 3 times
2 occurs 2 times
7 occurs 2 times
-----
Process exited after 13.76 seconds with return value 0
Press any key to continue . . .
```