

Code

```
#include <stdio.h>

int main() {
    int n, i, j, count;
    scanf("%d", &n);
    int arr[n];
    int visited[n];
    for(i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
        visited[i] = 0; // mark all as unvisited
    }
    printf("Repeated numbers and their count:\n");
    for(i = 0; i < n; i++) {
        if(visited[i] == 1)
            continue;
        count = 1;
        for(j = i + 1; j < n; j++) {
            if(arr[i] == arr[j]) {
                count++;
                visited[j] = 1;
            }
        }
        if(count > 1)
            printf("%d occurs %d times\n", arr[i], count);
    }
    return 0;
}
```

Output

```
Enter the number of elements in the array: 3
```

```
Enter 3 elements:
```

```
10
```

```
30
```

```
10
```

```
Frequency of repeated numbers:
```

```
Number 10 is repeated 2 times
```