

```
1  #include <stdio.h>
2
3  int main() {
4      int a[1000], X, n, i, count = 0;
5      printf("Enter the size of array: ");
6      scanf("%d", &n);
7      printf("Enter the elements of an array: ");
8      for (i = 0; i < n; i++) {
9          scanf("%d", &a[i]);
10     }
11     printf("Enter searched element: ");
12     scanf("%d", &X);
13
14     for (i = 0; i < n; i++) {
15         if (a[i] == X) {
16             count++;
17         }
18     }
19
20     printf("Occurrence of numbers: %d\n", count);
21     return 0;
22 }
23
```