

## **Problem 6: Find the Occurrence of an Integer in the Array**

### **Code:**

```
#include <stdio.h>

int main() {
    int n, key, count = 0;
    printf("Enter the number of elements in the array: ");
    scanf("%d", &n);

    int arr[100];
    printf("Enter the elements of the array:\n");
    for(int i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    printf("Enter the number to find its occurrence: ");
    scanf("%d", &key);
    for(int i = 0; i < n; i++) {
        if(arr[i] == key) {
            count++;
        }
    }

    printf("The number %d occurs %d time(s) in the array.\n", key, count);

    return 0;
}
```