chetan_projects > C_experiments > exp5 > C 3_frequency.c > main()

```c
#include <stdio.h>

int main() {
    int n, i;
    int arr[100];
    int num, count = 0;

    printf("Enter number of elements: ");
    scanf("%d", &n);

    printf("Enter %d integers:\n", n);
    for (i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    printf("Enter number to find frequency: ");
    scanf("%d", &num);

    for (i = 0; i < n; i++) {
        if (arr[i] == num) {
            count = count + 1;
        }
    }

    printf("\nFrequency of %d = %d\n", num, count);

    return 0;
}
```

```
Enter number of elements: 3
Enter 3 integers:
4
7
4
Enter number to find frequency: 4

Frequency of 4 = 2
PS D:\chetan_projects>
```

Output

```
Enter no. of elements: 3
Enter 3 integers:
4
7
4
Enter no. to find frequency: 4

Frequency of 7 = 2
```

Experiment No. Name:

5.3

```
#include <stdio.h>
int main() {
    int n, i;
    int arr[100];
    int num, count = 0;
    printf("Enter no. of elements: ");
    scanf("%d", &n);
    printf("Enter %d integers: \n", n);
    for(i=0; i<n; i++) {
        scanf("%d", &arr[i]);
    }
    printf("Enter no. to find frequency: ");
    scanf("%d", &num);
    for(i=0; i<n; i++) {
        if(arr[i] == num) {
            count = count + 1;
        }
    }
    printf("\n Frequency of %d = %d \n", num, count);
    return 0;
}
```