

5.2. #include <stdio.h>

```
int main() {  
    int n, i, num, count = 0;  
    printf("Enter number of elements: ");  
    scanf("%d", &n);
```

```
    int arr[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++;
```

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

```
    return 0;  
}
```


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← →

main.c

C main.c M X

C main.c > main()

```
1  #include <stdio.h>
2
3  int main() {
4      int n, i, num, count=0;
5      printf("Enter number of elements: ");
6      scanf("%d", &n);
7
8      int arr[n];
9      printf("Enter %d integers:\n", n);
10     for(i=0; i<n; i++)
11         scanf("%d", &arr[i]);
12
13     printf("Enter number to find frequency: ");
14     scanf("%d", &num);
15
16     for(i=0; i<n; i++)
17         if(arr[i] == num) count++;
18
19     printf("Frequency of %d = %d\n", num, count);
20
21     return 0;
22 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
• abhaygupta@Abhays-MacBook-Air main.c % gcc main.c
• abhaygupta@Abhays-MacBook-Air main.c % ./a.out
Enter number of elements: 4
Enter 4 integers:
2
3
4
5
Enter number to find frequency: 2
Frequency of 2 = 1
• abhaygupta@Abhays-MacBook-Air main.c %
```

0 0 0