

main.c



Run

Output

```
1 //DAY 30
2 //Q59
3 #include <stdio.h>
4 int main() {
5     int n, i;
6     int arr[100];
7     int evenCount = 0, oddCount = 0;
8
9     printf("Enter number of elements: ");
10    scanf("%d", &n);
11
12    printf("Enter %d elements:\n", n);
13    for (i = 0; i < n; i++) {
14        scanf("%d", &arr[i]);
15    }
16
17    for (i = 0; i < n; i++) {
18        if (arr[i] % 2 == 0)
19            evenCount++;
20        else
21            oddCount++;
22    }
23
24    printf("Total even numbers = %d\n", evenCount);
25    printf("Total odd numbers = %d\n", oddCount);
26
27    return 0;
28 }
```

Enter number of elements: 6

Enter 6 elements:

1 2 3 4 5 6

Total even numbers = 3

Total odd numbers = 3

=== Code Execution Successful ===

main.c



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Run

Output

```
1 //DAY 30
2 //Q60
3 #include <stdio.h>
4 int main() {
5     int n, i;
6     int arr[100];
7     int positiveCount = 0, negativeCount = 0, zeroCount = 0;
8
9     printf("Enter number of elements: ");
10    scanf("%d", &n);
11
12    printf("Enter %d elements:\n", n);
13    for (i = 0; i < n; i++) {
14        scanf("%d", &arr[i]);
15    }
16    for (i = 0; i < n; i++) {
17        if (arr[i] > 0)
18            positiveCount++;
19        else if (arr[i] < 0)
20            negativeCount++;
21        else
22            zeroCount++;
23    }
24    printf("Positive elements = %d\n", positiveCount);
25    printf("Negative elements = %d\n", negativeCount);
26    printf("Zero elements = %d\n", zeroCount);
27
28    return 0;
29 }
```

Enter number of elements: 5

Enter 5 elements:

-1 0 1 -2 2

Positive elements = 2

Negative elements = 2

Zero elements = 1

=== Code Execution Successful ===