②

```c
#include <stdio.h>
int main()
{
    int n, i, pos=0, neg=0, odd=0, even=0;
    printf("enter size of array");
    scanf("%d", &n, &arr[i]);
    if (arr[i] > 0) pos++;
    else neg++;
    if (arr[i] % 2 == 0) even++;
    else odd++;

    printf("Positive = %d\n Negative = %d\n odd
                                    = %d even
                                    = %d even = %d\n",
                                    pos, neg, odd);
    return 0;
}
```

```c
#include <stdio.h>

int main() {
    int n, arr[100], pos = 0, neg = 0, odd = 0, even = 0;

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

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

        if (arr[i] > 0) pos++;
        else if (arr[i] < 0) neg++;

        if (arr[i] % 2 == 0) even++;
        else odd++;
    }

    printf("Positive numbers: %d\n", pos);
    printf("Negative numbers: %d\n", neg);
    printf("Even numbers: %d\n", even);
    printf("Odd numbers: %d\n", odd);

    return 0;
}
```

57
78
0
Positive numbers: 5
Negative numbers: 0
Even numbers: 2
Odd numbers: 3
PS C:\C language\class.c>