

C lab 11 2023.07.17

```
#include <stdio.h>
```

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int main() {
    int rows, columns;

    printf("Enter the number of rows: ");
    scanf("%d", &rows);
    printf("Enter the number of columns: ");
    scanf("%d", &columns);

    int multiArray[rows][columns];
    int positiveCount = 0, negativeCount = 0, zeroCount = 0;

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

    for (int i = 0; i < rows; i++) {
        for (int j = 0; j < columns; j++) {
            if (multiArray[i][j] > 0) {
                positiveCount++;
            } else if (multiArray[i][j] < 0) {
                negativeCount++;
            } else {
                zeroCount++;
            }
        }
    }

    printf("\nNumber of positive elements: %d\n", positiveCount);
    printf("Number of negative elements: %d\n", negativeCount);
    printf("Number of zero elements: %d\n", zeroCount);

    return 0;
}
```