



Write a program to find the number of positive, negative and zeros in a sequence of inputs (numbers) entered as data.

```
#include <stdio.h>
int main (){
    printf("how many numbers do you want to enter : ");
    int n;
    scanf( "%d",&n);
    int positives=0,negative=0,zeros=0;
    for (int i=0;i<n;i++){
        int x;
        scanf( "%d",&x);
        if (x>0){positives++;}
        else if (x==0){zeros++;}
        else negative++;
    }
    printf("the summary is \npositives : %d\nnegative : %d\nzeros : %d ",positives,negative,zeros);
    return 0;
}
```

  ~/Documents/dslab gcc assignment1_Q2.c
 ~/Documents/dslab ./a.out

how many numbers do you want to enter : 6

1
2
-1
-3
0
5
the summary is
positives : 3
negative : 2
zeros : 1

 13s 

how many numbers do you want to enter : 11

1
2
3

-1
2
0
--2
112
-5
-7
the summary is
positives : 5
negative : 4
zeros : 2