**Title**

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**Plus Minus**

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**Description**

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Given an array of integers, calculate the ratios of its elements that are positive, negative, and zero. Print the decimal value of each fraction on a new line with 6 places after the decimal.

Note: This challenge introduces precision problems. The test cases are scaled to six decimal places, though answers with absolute error of up to 10-4 are acceptable.

**Example**

arr = [1, 1, 0, -1, -1]

There are n=5 elements, two positive, two negative and one zero. Their ratios are 2/5 = 0.400000, 2/5 = 0.400000 and 1/5 = 0.200000. Results are printed as:

0.400000

0.400000

0.200000

**Function Description**

Complete the plusMinus function in the editor below.

**plusMinus has the following parameter(s):**

int arr[n]: an array of integers

**Print**

Print the ratios of positive, negative and zero values in the array. Each value should be printed on a separate line with 6 digits after the decimal. The function should not return a value.

**Input Format**

The first line contains an integer, n, the size of the array.

The second line contains space-separated integers that describe arr[n]

**Constraints**

0 < n <= 100

-100 <= arr[i] <= 100

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**Code**

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package main

import(

    "fmt"

)

func main(){

    arr := []int32{-1, -1, 0, 1, 1}

    plusMinus(arr)

}

func plusMinus(arr []int32) {

    poscnt := 0

    negcnt := 0

    zerocnt := 0

    for \_,v:= range arr{

        if v > 0{

            poscnt++

        } else if v < 0 {

            negcnt++

        } else {

            zerocnt++

        }

    }

    fmt.Printf("%.6f\n",float32(poscnt)/float32(len(arr)))

    fmt.Printf("%.6f\n",float32(negcnt)/float32(len(arr)))

    fmt.Printf("%.6f\n",float32(zerocnt)/float32(len(arr)))

}

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