#include <stdio.h>

#include <stdlib.h>

void plusMinus(int n, int arr[]) {

int positive = 0, negative = 0, zero = 0;

for (int i = 0; i < n; i++) {

if (arr[i] > 0) {

positive++;

} else if (arr[i] < 0) {

negative++;

} else {

zero++;

}

}

printf("%.6f\n", (double)positive / n);

printf("%.6f\n", (double)negative / n);

printf("%.6f\n", (double)zero / n);

}

int main() {

int n;

scanf("%d", &n);

int\* arr = (int\*)malloc(n \* sizeof(int));

for (int i = 0; i < n; i++) {

scanf("%d", &arr[i]);

}

plusMinus(n, arr);

free(arr);

return 0;

}