

```
n= int(input())
a=[]
result=[]
(cplus,cminus,czero) =(0,0,0)
a = list(map(int,input().strip().split()))
for number in a :
    if number > 0:
        cplus = cplus + 1
    elif number < 0 :
        cminus= cminus +1
    else :
        czero= czero +1
ratiopos = cplus/n
rationeg =cminus/n
ratiozero= czero/n
print("{0:.6f}".format(ratiopos))
print("{0:.6f}".format(rationeg))
print("{0:.6f}".format(ratiozero))
```