from statistics import geometric\_mean,harmonic\_mean

from collections import Counter

def most\_frequent(List):

occurence\_count = Counter(List)

if(occurence\_count.most\_common(2)[0][1]!=occurence\_count.most\_common(2)[1][1]):

print(occurence\_count.most\_common(2)[0][0])

unionList=[]

unionList=(list(map(int, input().replace("[", "").replace("]", "").split(","))))

unionList = sorted(unionList)

most\_frequent(unionList)

print(round(geometric\_mean(unionList),4))

print(round(harmonic\_mean(unionList),4))