1. Strong Number:

num=int(input())

total = 0

temp = num

while(temp > 0):

    Fact = 1

    i = 1

    Rem = temp % 10

    while(i <= Rem):

        Fact = Fact \* i

        i = i + 1

    total=total+Fact

    temp = temp // 10

print (total == num)

2. Perfect Number:

num=int(input())

total=0

for i in range(1,num):

    if num%i==0:

        print(i)

        total +=i

        #print(total)

print(num==total)

3. Count of Vowels and Consonants in String:

string=input()

strl=list(map(str,string))

#print(strl)

vcount=0

ccount=0

for i in strl:

    if i in ['a','e','i','o','u']:

        vcount +=1

    else:

        ccount+=1

print("Vowels:",vcount)

print("Consonant:",ccount)