

```

# -*- coding: utf-8 -*-
import re

list_numbers = []

sum = 0
sum_count = 0

multiply = 1
multiply_sum = 0

i = 1
while True:
    print("00000000 000000:", end=' ')
    string = re.sub(r'\D', '', input())
    if len(string) == 0:
        print("0 000000 00 00000000000 000000")
        continue

    number = int(string)
    list_numbers.append(number)

    if i % 2 != 0:
        sum += number
        sum_count += 1
    else:
        multiply = multiply * number
        multiply_sum += 1

    i += 1
    if list_numbers[len(list_numbers) - 1] == 55555:
        break

print("000000:", sum)
print("00000000000 00000000000:", sum_count)

print("000000000000000", multiply)
print("00000000000 00000000000:", multiply_sum)

```