

```

file_fasta = input()
kol_C = 0
kol_G= 0
kol_A= 0
kol_T= 0
summa = 0
my_seqs = {}
with open(file_fasta, mode="r") as inp:
    line = inp.readline()
    while line != '':
        name = line.strip()[1:]
        seq = ''
        line = inp.readline()
        while not line.startswith('>') and line != '':
            seq += line.strip()
            line = inp.readline()
        my_seqs[name] = seq
for item in my_seqs.items():
    name, seq = item
    for i in range(0, len(seq)):
        elem = seq[i]
        summa += 1
        if elem == "A":
            kol_C += 1
        if elem == "G":
            kol_G += 1
        if elem == "T":
            kol_A += 1
        if elem == "C":
            kol_T += 1
print ("C", kol_C, f'{{(kol_C / summa):.04f}}')
print ("G", kol_G, f'{{(kol_G / summa):.04f}}')
print ("A", kol_A, f'{{(kol_A / summa):.04f}}')
print ("T", kol_T, f'{{(kol_T / summa):.04f}}')
print ("Всего", summa)

```