

```
file_fasta = input()
k = 0
s = 0
with open(file_fasta,mode='r') as inp:
    header = inp.readline()
    for line in inp:
        line = line.strip()
        for elem in line:
            s += 1
            if elem == "G" or elem == "C":
                k += 1
print (f'{(k / s):.04f}')
```