

LETTERCASE PERCENTAGE RATIO

CHALLENGE DESCRIPTION:

Your task is to write a program which determines (calculates) the percentage ratio of lowercase and uppercase letters.

INPUT SAMPLE:

Your program should accept a file as its first argument. Each line of input contains a string with uppercase and lowercase letters.

For example:

```
thisTHIS
AAbbCCDDEE
N
UkJ
```

OUTPUT SAMPLE:

For each line of input, print the percentage ratio of uppercase and lowercase letters rounded to the second digit after the point.

For example:

```
lowercase: 50.00 uppercase: 50.00
lowercase: 20.00 uppercase: 80.00
lowercase: 0.00 uppercase: 100.00
lowercase: 33.33 uppercase: 66.67
```