✏️ Practice Arena

Practice problems aimed to improve your coding skills.

📂 PRACTICE-02_SCAN-PRINT

📂 PRACTICE-03_TYPES

📂 LAB-PRAC-02_SCAN-PRINT

📂 LAB-PRAC-01

📂 PRACTICE-04_COND

📂 BONUS-PRAC-02

📂 LAB-PRAC-03_TYPES

- ❓ FIFA Fever
- ❓ Matrix Math
- ❓ The Tale of Three Lines
- ❓ Fiery FIFA Fever
- ❓ The Final Rational
- ❓ Quadratic Quandary
- ❓ FIFA Fractions
- ❓ Digit Dilemma
- ❓ Recursive Recharge
- ❓ Breaking the Lego Safe
- ❓ The Final Rational Revisited
- ❓ Developing an interest in interest

📂 PRACTICE-05_COND-LOOPS

📂 LAB-PRAC-04_COND

📂 LAB-PRAC-05_CONDLOOPS

📂 PRACTICE-07_LOOPS-ARR

📂 LAB-PRAC-06_LOOPS

📂 LAB-PRAC-07_LOOPS-ARR

📂 LABEXAM-PRAC-01_MIDSEM

📂 PRACTICE-09_PTR-MAT

📂 LAB-PRAC-08_ARR-STR

📂 PRACTICE-10_MAT-FUN

📂 LAB-PRAC-09_PTR-MAT

📂 LAB-PRAC-10_MAT-FUN

📂 PRACTICE-11_FUN-PTR

📂 LAB-PRAC-11_FUN-PTR

📂 LAB-PRAC-12_FUN-STRUC

📂 LABEXAM-PRAC-02_ENDSEM

📂 LAB-PRAC-13_STRUC-NUM

📂 LAB-PRAC-14_SORT-MISC

The Final Rational

LAB-PRAC-03_TYPES

The Final Rational [20 marks]

Problem Statement
You are given a rational number with 6 digits after the decimal point. You have to output the first three and the last three digits of the number after the decimal place. For example if the number is 123.456789, then the output should be 456 and 789. Both outputs should be given on two separate lines.

Caution

1. Be careful about extra/missing lines and extra/missing spaces.
2. Give both numbers on different lines
3. Note that you have to output the digits themselves i.e. if the last three digits are 0, 5 and 6, you have to output 056 and not 56.
4. Be careful that there is no guarantee how many digits the number has *before* the decimal point. Only the number of digits after the decimal point are known to be 6.

INPUT:
N
where N is a floating point value with 6 digits after the decimal.

OUTPUT:
First three digits after the decimal
Last three digits after the decimal

EXAMPLE:
INPUT
123.456789

OUTPUT:
456
789

Grading Scheme:
Total marks: **[20 Points]**

There will be partial grading in this question. There are two lines in your output. Giving correct output in each line carries 50% of the marks. Each visible test case is worth 2 points and each hidden test case is worth 4 points. There are 2 visible and 4 hidden test cases. Ensure that there are no missing/extra spaces or missing/extra lines in your output.

Please remember, however, that when you press Submit/Evaluate, you will get a green bar only if all parts of your answer are correct. Thus, if your answer is only partly correct, Prutor will say that you have not passed that test case completely, but when we do autograding afterwards, you will get partial marks.

🍴 Start Solving! (/editor/practice/6022)