Problem C
Profit Ratio

Time limit: 1s
Memory Limit: 8MB

Congratulations! You have learned C/C++ for more than 2 weeks. Now, let us try what you have learned during those 2 weeks. You will be given two values that indicates **Sell Price** (SP), and **Buy Price** (BP). You have to calculate the Profit Ratio in percent.

Input

The first line consists of 2 integer SP and BP described above ($0 < BP \leq SP \leq 10.000$).

Output

You need to output the Profit Ratio in percent with 2 decimal places.

1st Sample Input
200 100
Output for 1st Sample Input
100.00%

2nd Sample Input
150 85
Output for 2nd Sample Input
76.47%

Note: Always print a newline (\n) at the end of the answer.