ICPC Assiut University Community
Newcomers Training ,Do Your Best

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HOME   TOP   CATALOG   CONTESTS   GYM   PROBLEMSET   GROUPS   RATING   EDU   API   CALENDAR   HELP

PROBLEMS   SUBMIT CODE   MY SUBMISSIONS   STATUS   STANDINGS   CUSTOM INVOCATION

A. Winter Sale

time limit per test: 1 second❓
memory limit per test: 256 megabytes
input: standard input
output: standard output

The winter sale began, and Mrs. Sarah wants to buy a T-shirt for her son. The T-shirt has a ticket that indicates a discount of $X\%$ and its price P after the discount. She now wants to know the price before the discount to know if the discount was worthy. Help her!

Input
Only one line containing two numbers X and P $(1 \leq X \leq 99, 1 \leq P \leq 4 \times 10^4)$ – the discount percentage, and the price of the T-shirt after the discount.
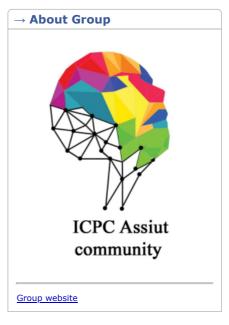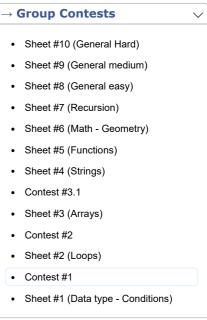
Output
Print the price of the T-shirt before the discount rounded up to **two decimal places**.

Examples

input	Copy
20 80	

output	Copy
100.00	

input	Copy
15 20	

output	Copy
23.53	

Assiut University Training – Newcomers

Public

Participant

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→ **About Group**

ICPC Assiut community

Group website

→ **Group Contests** ⌄

- Sheet #10 (General Hard)
- Sheet #9 (General medium)
- Sheet #8 (General easy)
- Sheet #7 (Recursion)
- Sheet #6 (Math - Geometry)
- Sheet #5 (Functions)
- Sheet #4 (Strings)
- Contest #3.1
- Sheet #3 (Arrays)
- Contest #2
- Sheet #2 (Loops)
- Contest #1
- Sheet #1 (Data type - Conditions)

Contest #1

Finished

Practice

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→ **About Time Scaling** ⌄