



Qoli work project

- Time limit: 1 second
- Memory limit: 256 MB

After a long period of unemployment, he got a job project for the electricity department. The Electricity Authority has prepared a new formula for calculating the consumption bill of its employees, which is as follows:

Based on the amount of electricity consumed per unit:

For the first 50 units: \$0.5 per unit, for the next 100 units: \$0.75 per unit, for the next 100 units: \$1.2 per unit, for more than 250 units: \$1.5 per unit

20% tax is added to the above amount.

Input

The input contains only one input that tells the amount of electricity consumed. whose value is correct.



Questions

50

Qoli work project

75

auspicious day

100

Armstrong number

100

Missing Mustafa

100

Presidential Election

125

private box

150

Honorably the first
!!!number

All submissions

Final submissions

Scoreboard

Output

The output of the program is the amount of the joint bill, which should be displayed with 2 decimal places.

Example

Here are some examples for a better understanding of the question form and the input and output format of the tests.

Sample input 1

249

Sample output 1

262.56

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