URI Online Judge | 1021

Banknotes and Coins

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Timelimit: 1

1021

Descripción

Pantalla Completa

Enviar

Ranking

Foro

Toolkit

Principiante

Read a floating point value with two decimal places. This represents a monetary value. Next, calculate the fewest possible *notes* and *coins* in which the value can be decomposed. The considered notes are of 100, 50, 20, 10, 5, 2. The possible coins are of 1, 0.50, 0.25, 0.10, 0.05 and 0.01. Print the message "NOTAS:" followed by the list of notes and the message "MOEDAS:" followed by the list of coins.

Input

The input file contain float point number N ($0 \le N \le 1000000.00$).

Output

Print the minimum quantity of banknotes and coins necessary to change the initial value, like as the given example.

Sample Input	Sample Output
576.73	NOTAS: 5 nota(s) de R$ 100.00 1 nota(s) de R$ 50.00 1 nota(s) de R$ 20.00 0 nota(s) de R$ 10.00 1 nota(s) de R$ 5.00 0 nota(s) de R$ 2.00 MOEDAS: 1 moeda(s) de R$ 1.00 1 moeda(s) de R$ 0.50 0 moeda(s) de R$ 0.25 2 moeda(s) de R$ 0.10 0 moeda(s) de R$ 0.05 3 moeda(s) de R$ 0.01
4.00	NOTAS: 0 nota(s) de R$ 100.00 0 nota(s) de R$ 50.00 0 nota(s) de R$ 20.00 0 nota(s) de R$ 10.00 0 nota(s) de R$ 5.00 ...00 0 moeda(s) de R$ 1.00 0 moeda(s) de R$ 0.50 0 moeda(s) de R$ 0.25 0 moeda(s) de R$ 0.10 0 moeda(s) de R$ 0.05 0 moeda(s) de R$ 0.01
91.01	NOTAS: 0 nota(s) de R$ 100.00 1 nota(s) de R$ 50.00 2 nota(s) de R$ 20.00 0 nota(s) de R$ 10.00 0 nota(s) de R$ 5.00 0 nota(s) de R$ 2.00 MOEDAS: 1 moeda(s) de R$ 1.00 0 moeda(s) de R$ 0.50 0 moeda(s) de R$ 0.25 0 moeda(s) de R$ 0.10

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0 moeda(s) de R$ 0.05
1 moeda(s) de R$ 0.01
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