

CREATIVE PROBLEM SOLVING

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ATM Money Dispensing

CONCEPTS: Arithmetic, Arrays, Loops

LEVEL: Easy

ATM Machine contains only 1000, 500 and 100 rupee notes. Given a withdrawal amount, a software in ATM machine decides how many notes of each denomination should be dispensed to fulfill user request.

PROBLEM STATEMENT

Given an integer amount user enters for withdrawal, you are convert it into how many 1000, 500 and 100 rupees each would be needed to match users need.

Input

An integer representing amount. Example amount: **7000**

Ouptut

Error message **Please enter only multiples of 100.**

OR

Table representing number of notes of each denomination.

1000 : 7

500 : 0

100 : 0

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SAMPLE TEST CASES

	Input	Output
Test Case 1	5000	1000 : 7 500 : 0 100 : 0
Test Case 2	4500	1000 : 4 500 : 1 100 : 0
Test Case 3	4800	1000 : 4 500 : 1 100 : 3
Test Case 4	5750	Please enter only multiples of 100
Test Case 5	400	1000 : 0 500 : 0 100 : 4