**Problem 2 – Dream Item**

Trifon has a dream item. He is a good programmer and started working last month, but he needs help with his salary**.** You are given **the month** when Trifon is working, themoneyhe is **making** **per hour, number of hours per day** he is workingand the **price** of his dream item. Assume **February** has **28 days** and every month has **exactly 10 holidays** when Trifon is not working. All other months have either 31 or 30 (check a calendar if you’re unsure about the number of days in a given month). Also ifTrifon makes **more** than **700** leva this month, he is promised a **bonus of 10%** of the total money (e.g. if he makes 800 lv, his bonus will be 80 and the total money he would earn is 880 lv).

Your task is to write a program that calculates whetherTrifon **can buy his dream item**.

**Input**

The input data consists of one line coming from the console. Check the examples below.

The format is: ***Month\Money per hour\Hours per day\Price of the item***.

The input data will **always** **be valid** and in the format described. There is no need to check it explicitly.

**Output**

* The output data must be printed on the console.
* On the only output line you must print whether the item can be bought - **"Money left = {0} leva."** or **"Not enough money. {0} leva needed."**
* The money must be **rounded to the second digit** after the decimal point.

**Constraints**

* Month - "Jan", "Feb", "Mar", "Apr", "May", "June", "July", "Aug", "Sept", "Oct", "Nov" or "Dec".
* Money per hour - floating number [-7.9 x 1028 … 7.9 x 1028].
* Hours per day - integer in range [1 to 24].
* Item price - floating number in range [0... +7.9 x 1028].
* Allowed memory: 16 MB. Allowed time: 0.1 seconds.

**Examples**

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| Apr\2.6\7\300 | Money left = 64.00 leva. | 20 working days \* 2.6 lv per hour \* 7 hours = 364 lv - 300 lv item price = 64 lv. |

|  |  |
| --- | --- |
| **Input** | **Output** |
| Jan\9.234\6\2000 | Not enough money. 720.17 leva needed. |

|  |  |
| --- | --- |
| **Input** | **Output** |
| Apr\5.6\10\1000 | Money left = 232.00 leva. |