# Problem 2. SoftUni Coffee Orders

We are placing **N** orders at a time. You need to calculate the price after the discount based on the following formula:

((daysInMonth \* capsulesCount) \* pricePerCapsule)

\***Hint** – The DateTime class may come in handy to calculate the days in month.

### Input / Constraints

* On the first line you will receive integer **N** – the count of orders the shop will receive.
* For each order you will receive the following information:
  + Price per capsule - **floating-point number in range [0…79,228,162,514,264,337,593,543,950,335]**
  + Order date - in the following format {d/M/yyyy}
  + Capsules count - **integer in range [0…2,147,483,647]**

The input will be in the described format, there is no need to check it explicitly.

### Output

The output should consist of **N + 1** lines. For each order you must print a single line in the following format:

* “The price for the coffee is: ${**price**}”

On the last line you need to print the total price in the following format:

* “Total: ${totalP**rice**}”

The **price must be rounded** to 2 decimal places.

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 1  1.53  06/06/2016  8 | The price for the coffee is: $367.20  Total: $367.20 | We are given only 1 order. Then we use the formulas:  **orderPrice** = 30 (days in June 2016) \* 8 \* 1.53 = 367.20 |

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** |  |
| 2  4.99  06/07/2016  3  0.35  03/01/2013  5 | The price for the coffee is: $464.07  The price for the coffee is: $54.25  Total: $518.32 |