# Problem 1. SoftUni Coffee Orders

At SoftUni we are placing **N** orders of coffee at a time, one order each month. Write a program to calculate the price for each order and the total price based on the following formula:

price = (daysInMonth \* capsulesCount) \* pricePerCapsule

\* **Hint**: the DateTime class may come in handy to calculate the days in certain month.

### Input / Constraints

* The first line holds an integer **N** – the count of orders the shop will receive.
* For each order the next lines hold 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}, e.g. 25/11/2016, 7/03/2016, 1/1/2020.
  + **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: ${totalPrice}

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

The **total price** will always be within the range **[0…79,228,162,514,264,337,593,543,950,335]**.

### 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 one order. Then we use the formulas:  **orderPrice** = 30 (days in June 2016) \* 8 \* 1.53 = 367.20 |

|  |  |
| --- | --- |
| **Input** | **Output** |
| 2  4.99  6/07/2016  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 |