# Coffee Shop

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

((daysInMonth \* capsulesCount) \* pricePerCapsule)

### 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 **[0.00…1000.00]**
  + Days – **integer** in range **[1…31]**
  + Capsules count - **integer** in range **[0…2000]**

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  30  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 \* 8 \* 1.53 = 367.20 |

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** |  |
| 2  4.99  31  3  0.35  31  5 | The price for the coffee is: $464.07  The price for the coffee is: $54.25  Total: $518.32 |

### JS Input

The input will be an array of numbers

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| ([1,  1.53,  30,  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 \* 8 \* 1.53 = 367.20 |

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** |  |
| ([2,  4.99,  31,  3,  0.35,  31,  5]) | The price for the coffee is: $464.07  The price for the coffee is: $54.25  Total: $518.32 |