## 11.\* Bitcoin "Mining"

Write a JavaScript program that calculates the **total amount** of **bitcoins** you purchased with the gold you mined during your **shift** at the mine. Your shift consists of a certain number of days where you mine an amount of **gold** in **grams**. Your program will receive an **array with the amount of gold** you mined **each day**, where the **first day** of your **shift** is the **first index of the array**. Also, someone was stealing **every third day** from the start of your shift **30%** from the mined **gold** for **this day**. You need to check, which day you have enough money to buy your **first** **bitcoin.** For the different exchanges use these **prices**:

|  |  |
| --- | --- |
| **1 Bitcoin** | 11949.16 lv. |
| **1 g of gold** | 67.51 lv. |

### Input

You will receive an array of **numbers**, representing your **shift** at the mine.

### Output

Print on the **console these lines in the following formats**:

* **First-line** prints the **total** **amount** of bought **bitcoins**:

**`Bought bitcoins: {count}`**

* **Second-line** prints **which day** you **bought** your **first bitcoin**:

**`Day of the first purchased bitcoin: {day}`**

In case you **did not** **purchase any bitcoins,** do not print the second line.

* **Third-line** prints the **amount** of **money** that’s left after the bitcoin purchases **rounded by the second digit** after the decimal point:

**`Left money: {money} lv.`**

### Constraints

* The **input** array may contain up to **1,000** elements
* The numbers in the array are in the range **[0.01..5,000.00] inclusive**
* Allowed time/memory: 100ms/16MB

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| [100, 200, 300] | Bought bitcoins: 2  Day of the first purchased bitcoin: 2  Left money: 10531.78 lv. |

Scroll down to see the explanation for the first example and more examples.

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| **Explanation** |
| **Day 1** – you dig up **100 g** of gold then exchange it for **6751.00 lv.**  **Day 2** – you dig up **200 g** of gold then exchange it for **13,502.00 lv.** and the total amount of money is **20,253.00 lv.** Then you buy **1 Bitcoin** whichleaves you with **8,303.84 lv.** Also, this purchase is the **first day you bought bitcoin**.  **Day 3** – you dig up **300 g** of gold but then **30%** of it is stolen and your gold drops to **210 g** which you exchange for **14,177.10 lv.** making your total amount of money **22,480.94 lv.** Then you buy **1 Bitcoin** making the final amount of money that you have **left with** **10,531.78 lv.** with **2 bought Bitcoins.** |

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| --- | --- | --- | --- | --- |
| **Input** | **Output** |  | **Input** | **Output** |
| [50, 100] | Bought bitcoins: 0  Money left: 10126.50 lv. | [3124.15, 504.212, 2511.124] | Bought bitcoins: 30  Day of the first purchased bitcoin: 1  Money left: 5144.11 lv. |