# Problem 1 – Burger Bus



*The Burger Bus travels around the country and serves delicious burgers. You need to help the owner keep track of his income and expenses along the way.*

**First**, you will receive the **number of cities** the bus has visited. Then for **every city**, you will receive:

* **the name of the city**
* **how much money the owner earned**
* **owner's expenses**

Every **3rd (third)** city the bus visits, the owner **organizes a special event** to ensure a true "Burger Bus" experience, spending **an additional 50% over costs**.

In every **5th (fifth)** city, it is **raining**, and the owner **losses 10% of the money** he earned. In a rainy city, there is **no possibility to organize a special event**.

You have to calculate the owner’s **profit for each city** and his **total profit from the tour**. Profit is calculated **by deducting** the **expenses** from the **income**.

## Input

The input will consist of:

* **Number** of cities – integer in the range [1…15]
* For each city, you will receive the following information:
  + **name of the city** - **string**
  + **owner's income** - a real number in the range [0.0…10 000.0]
  + **owner's expenses** - a real number in the range [0.0…10 000.0]
* The input will always be in the correct format.

## Output

* For every city, you need to print the following message:

"In {cityName} Burger Bus earned {profit} leva."

* At the end of the tour, print:

"Burger Bus total profit: {totalProfit} leva."

**NOTE: The profit and the total profit should be formatted to the 2nd decimal place.**

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 3  Sofia  895.67  213.50  Plovdiv  2563.20  890.26  Burgas  2360.55  600.00 | In Sofia Burger Bus earned 682.17 leva.  In Plovdiv Burger Bus earned 1672.94 leva.  In Burgas Burger Bus earned 1460.55 leva.  Burger Bus total profit: 3815.66 leva. |
| **Input** | **Output** |
| 5  Lille  2226.00  1200.60  Rennes  6320.60  5460.20  Reims  600.20  452.32  Bordeaux  6925.30  2650.40  Montpellier  680.50  290.20 | In Lille Burger Bus earned 1025.40 leva.  In Rennes Burger Bus earned 860.40 leva.  In Reims Burger Bus earned -78.28 leva.  In Bordeaux Burger Bus earned 4274.90 leva.  In Montpellier Burger Bus earned 322.25 leva.  Burger Bus total profit: 6404.67 leva. |

## JS Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| (["3",  "Sofia",  "895.67",  "213.50",  "Plovdiv",  "2563.20",  "890.26",  "Burgas",  "2360.55",  "600.00"]) | In Sofia Burger Bus earned 682.17 leva.  In Plovdiv Burger Bus earned 1672.94 leva.  In Burgas Burger Bus earned 1460.55 leva.  Burger Bus total profit: 3815.66 leva. |
| **Input** | **Output** |
| (["5",  "Lille",  "2226.00",  "1200.60",  "Rennes",  "6320.60",  "5460.20",  "Reims",  "600.20",  "452.32",  "Bordeaux",  "6925.30",  "2650.40",  "Montpellier",  "680.50",  "290.20"]) | In Lille Burger Bus earned 1025.40 leva.  In Rennes Burger Bus earned 860.40 leva.  In Reims Burger Bus earned -78.28 leva.  In Bordeaux Burger Bus earned 4274.90 leva.  In Montpellier Burger Bus earned 322.25 leva.  Burger Bus total profit: 6404.67 leva. |