## Sum Adjacent Equal Numbers

Write a program to **sum all adjacent equal numbers** in a list of decimal numbers, starting from **left to right**.

* After two numbers are summed, the obtained result could be equal to some of its neighbors and should be summed as well (see the examples below).
* Always sum the **leftmost** two equal neighbors (if several couples of equal neighbors are available).

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Explanation** |
| 3 3 6 1 | 12 1 | **3 3** 6 1 🡪 **6 6** 1 🡪 12 1 |
| 8 2 2 4 8 16 | 16 8 16 | 8 **2 2** 4 8 16 🡪 8 **4 4** 8 16 🡪 **8 8** 8 16 🡪 16 8 16 |
| 5 4 2 1 1 4 | 5 8 4 | 5 4 2 **1 1** 4 🡪 5 4 **2 2** 4 🡪 5 **4 4** 4 🡪 5 8 4 |