## Add and Subtract

Write a function, which changes the **value** of **odd** and **even** numbers in an array of numbers.

* If the number is **even** - **add** to its value its **index** position
* If the number is **odd** - **subtract** to its value its index position

### Output

On the first line print the **newly modified array**, on the second line print the **sum** of numbers from the **original array**, on the third line print the sum of numbers from the **modified array**.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| [5, 15, 23, 56, 35] | [ 5, 14, 21, 59, 31 ]  134  130 |
| [-5, 11, 3, 0, 2] | [ -5, 10, 1, 3, 6 ]  11  15 |