Space Battle Simulation

In a galaxy far, far away, different fleets of spaceships are traveling in a straight line, represented by an array. Each fleet is represented by an integer where the **absolute value** corresponds to the fleet's **power** (size of the fleet) and the **sign** represents the **direction** of travel:

- A positive number means the fleet is moving to the right.
- A negative number means the fleet is moving to the left.

Each fleet moves at the same speed. If two fleets meet, the one with less power will be destroyed. If two fleets of equal power meet, both are destroyed. Fleets moving in the same direction will **never meet**.

Your task is to simulate the aftermath of these space battles and determine which fleets remain in the end.

Example 1:

Input: fleets = 7 12 -6

Output: 7 12

Explanation: The fleet with power 12 encounters the fleet with power -6. Since 12 is stronger, -6 is destroyed.

Fleets 7 and 12 are traveling in the same direction, so they do not collide.

Rules:

- 1. If a fleet moving to the right (+) meets a fleet moving to the left (-), a battle occurs:
 - The fleet with the smaller power is destroyed.
 - o If both fleets have the same power, they both explode.
 - o Only fleets traveling in **opposite directions** can battle and Fleets **must** face each other to battle.
- 2. Fleets that do not encounter opponents simply continue on their path.
- 3. If no fleet survives after all battles, return 0.

Input:

• A space-separated list of integers where the absolute value represents the fleet's size and the sign represents its direction (positive for right, negative for left).

Output:

• A space-separated list of integers representing the state of the fleets after all battles, in the order they remain.

Sample:

No.	Sample Input	Sample Output
1	5 10 -5	5 10
2	8 -8	0
3	-8 8	-8 8