

✓ **Sample Test case 0**

✓ **Sample Test case 1**

✓ **Sample Test case 2**

Input (stdin)

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1 4 0

2 4 4

Your Output (stdout)

1 9

Expected Output

[Download](#)

1 9

Debug output

1 0 3 0 0

2 9 [0, 0, 0, 0, 0, 0, 0, 0]

✔ Sample Test case 0

✔ Sample Test case 1

✔ Sample Test case 2

Input (stdin)

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1	5 3
2	4 3
3	5 5
4	4 2
5	2 3

Your Output (stdout)

1	10
---	----

Expected Output

[Download](#)

1	10
---	----

✓ Sample Test case 0

✓ Sample Test case 1

✓ Sample Test case 2

Input (stdin)

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1 1 0

2 1 1

Your Output (stdout)

1 0

Expected Output

[Download](#)

1 0

Debug output

1 0 0 0 0

2 0 [0, 0, 0, 0, 0, 0, 0, 0]