

Internet Bill

Ivancho has subscription for mobile data plan according to the following conditions. Monthly fee costs **K** units and includes **L** gigabytes traffic. Unused traffic that is remaining at the end of the month can't be transferred to the next month and is lost. If the monthly traffic exceeds **L** gigabytes, then each additional gigabyte costs **M** units. Ivancho has used **N** gigabytes last month. Your task is to calculate how much Ivancho should pay for mobile data usage for the last month (including subscription fee)?

Input:

Read from the standard input:

- Four numbers **K**, **L**, **M**, **N**
- Each number is on a new line.

Output:

Print on the standard output:

- On the single line of the output, print the sum that Ivancho should pay.

Constraints:

- $1 \leq K, L, M, N \leq 100$

Sample tests:

Input:

```
100
10
12
15
```

Output:

```
160
```

Input:

```
100
10
12
1
```

Output:

```
100
```