

## Problem

A family consists of  $x$  members. You are given the task to book flight tickets for these  $x$  members. You are given the following information about the airline in which you have to book the tickets:

- $P$ : It denotes the cost of one ticket of the flight.
- $S$ : It denotes the number of total available seats in the flight.
- $T$ : If the numbers of available seats are less than or equal to  $T$ , then the cost of the flight ticket increases to  $H$ .
- $H$ : It denotes the new hiked cost.

Determine the total cost to book the tickets for all the family members.

**Note:** The tickets are booked one by one for all the family members.

### Input format

First line: Five space-separated integers  $P, S, T, H$ , and  $x$  respectively

### Output format

Print the total cost to book the tickets for all the members of the family.

### Constraints

$$1 \leq P \leq H \leq 10^5$$

$$1 \leq S \leq 300$$

$$1 \leq T \leq S$$

$$1 \leq x \leq S$$

Sample Input	Sample Output
6000 10 5 6500 7	43000

Time Limit: 1

Memory Limit: 256

Source Limit: