TASK C. EXPRESSION

There are integers **a**, **b**, **c**, **d**, **T**. Find integers **x** and **y** such that

$$0 \le x \le c$$
$$0 \le y \le d$$
$$\frac{xa + yb}{x + y}$$ has the minimum possible value, but not less than T

If there are several suitable **x** and **y** values, choose the ones where **x** + **y** has the maximum value. If there are more than one values again, choose the one where **x** has the maximum value.

INPUT DATA

At the first line of the input data, there are five space-separated integers: **a**, **b**, **c**, **d**, **T** **($1 \le a \le T \le b \le 10^6, 1 \le c \le 10^6, 1 \le d \le 10^6$)**.

OUTPUT DATA

Print two space-separated integers – **x** and **y**.

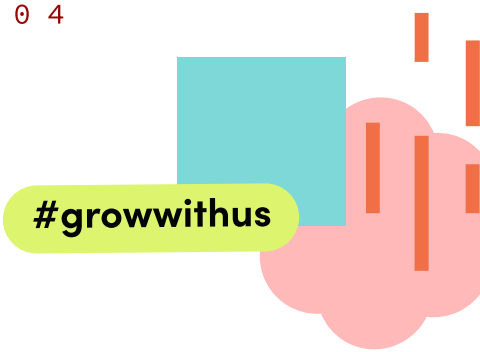
EXAMPLE

Input example #1	Input example #2
`10 10 5 8 10`	`1 2 3 4 2`

Output example #1	Output example #2
`5 8`	`0 4`

NOTE

In the second example, the expression $\frac{x + 2y}{x + y}$ must be not less than **2.**
Let's see if it can equal **2.** After simplification, we have **x + 2y = 2x + 2y**, where **x = 0** and **y** – any allowed value.
For **x + y** to have the maximum value, **y = 4**



HOW TO SEND A SOLUTION?

Your solution should be a console program in one of the available programming languages (C++11 or Python 3.6). The program must read from the standard input stream (std::cin in C++ language) the input data (it is guaranteed that when checking the solution it will be exactly in the format and the ranges as described in the "Input data" section), and output the answer to the standard output stream (std::cout in C++) in the format described in the "Output data" section. Extra spaces at the end of lines will be ignored. To send a solution, you need to select a task in the system and a programming language. Then, send the source file with the code.It will be checked by the system in different test runs.

The test is considered passed if the program outputs the correct answer and meets the time and memory limits. One point is granted for each test passed. The scores for all tests are summed up. The first tests are always from the examples given in the description. The overall result for the task is determined by the solution that scored the maximum number of points. It will be hidden in the system, and only the result of the first 10 tests of the task will be available to you. The number of attempts is not limited.