

Substring between two numbers

Write a program, enter a non-empty string S and two non-negative integers from the keyboard A, B of value not greater than the length of S and $A \leq B$, display the substring of S between A and B (extremes included). Validation of S, A and B is required.

Input

The first line contains the string S.

The second line contains two non-negative integers ($A \leq B$).

Output

The first line contains substring S.

Sample input

Sample output

FGPE 2 3	PE
Hello world! 3 8	lo wor
hello 3 1	ERROR