

Using the "&&" Operator

JavaScript has a logical operator &&. The && operator takes two Boolean values and returns true if both values are true.

Consider a && b:

- a is checked if it is true or false.
- If a is false, false is returned.
- b is checked if it is true or false.
- If b is false, false is returned.
- Otherwise, true is returned (as both a and b are therefore true).

The && operator will only return true for true && true.

Your task is to write a function using the && operator.

Input

The first line of input contains two Boolean values separated by a space.

Output

The first line contains "true" or "false".

Sample input

Sample output

true false	false
true true	true
false false	false