SLEEPIN

The input weekday is 1 if it is a weekday, and the input vacation is 1 if we are on vacation. We sleep in if it is not a weekday or we're on vacation. print true if we sleep in.

Input

You are Given n,k seperated by spcae where 0<=n,k<=1

Output

print true if we sleep in. or false if we don't

Example

Input:

0 0

Output:

true

Input:

1 0

Output:

false

Input:

0 1

Output:

true