'''

In a birthday party, there are N guests attended the party.

All of them formed in a circle, each of the guest numbered from 1 to N.

But we have dinner tokens for only N-1 guests.

and you are given an integer S.

The distibution of tokens as follows:

1- Intially you visit guest-1.

2- Visit to the next S guests in the circle in clockwise direction including

visited guest, you may visit some guests more than once.

3- The last guest you visit will get the token and moves out of the circle.

4- You have to repeat the process from step-2, until all the tokens over.

At the only one guest will be leftout without a token.

You are given the number of guests, N , and an integer S ,

Your task is to find the guest number who haven't recieved the token.

Input Format:

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Two integers N and S, number of guests N and value of S.

Output Format:

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Print an integer, Guest number remained at the end without a token.

Sample Input-1:

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5 3

Sample Output-1:

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4

For the explanation look at Hint.

Sample Input-2:

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6 2

Sample Output-2:

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5

'''

n1,n2=map(int,input().split())

l=[i for i in range(1,n1+1)]

# for i in range(0,n1):

# l[i]=True

# r=0

def fun(n1,n2,r,l):

if(len(l)==1):

return l[0]

# print(r+(n2))

r=(r+n2-1)%len(l)

l.pop(r)

return fun(len(l),n2,r,l)

print(fun(n1,n2,0,l))

Rohan has a habit of writing a word in reverse as R and then checks whether

R is same as Original word W. If R is not same as W, he can remove

only one character from R to make it as W.

Print 'true', if Rohan makes R equals W, Otherwise print 'false'.

Input Format:

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Line-1: A string represents a word.

Output Format:

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return a boolean result.

Sample Input-1:

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bcba

Sample Output-1:

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true

Explanation:

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By removing charcter 'a', we will get the word in reverse is also same.

Sample Input-2:

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abcd

Sample Output-2:

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false

Explanation:

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There is no possibility to make the reverse is also same.

My soln:

import java.util.\*;

public class Main{

public static void main(String[] args){

Scanner sc=new Scanner(System.in);

String s=sc.next();

System.out.println(fun(s,0));

}

public static boolean palin(String s){

int start=0;

int end=s.length()-1;

while(start<=end){

if(s.charAt(start)==s.charAt(end)){

start++;

end--;

}

else{

return false;

}

}

return true;

}

public static boolean fun(String s,int i){

if(s.length()<2){

return true;

}

if(i==s.length()){

return false;

}

if(i==0){

if(palin(s.substring(1,s.length()))){

return true;

}

}

else if(i==s.length()-1){

if(palin(s.substring(0,s.length()-1))){

return true;

}

}

else if(palin(s.substring(0,i)+s.substring(i+1,s.length()))){

return true;

}

// else{

return fun(s,i+1);

// }

}

}