



Many people keep time using a 24 hour clock (11 is 11am and 23 is 11pm, 0 is midnight). If it is currently 13 and you set your alarm to go off in 50 hours, it will be 15 (3pm). Write a Python program to solve the general version of the above problem. Ask the user for the time now (in hours), and then ask for the number of hours to wait for the alarm. Your program should output what the time will be on the clock when the alarm goes off.

Remember that negative hours are not allowed. In this case your program should output “ERROR”

Input

The input line consists of two integers *m* and *n*. *m* is the current time in hours and *n* are the hours that the alarm needs to wait to go on.

Output

Time of the day in hours at which the alarm goes on.

Sample Input

```
23 2
1 14
20 40
-1 10
17 -8
```

Sample Output

```
1
15
12
ERROR
ERROR
```