## The Time in Words ☆



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Given the time in numerals we may convert it into words, as shown below:  $5:00 \rightarrow \text{ five o' clock} \\
5:01 \rightarrow \text{ one minute past five} \\
5:10 \rightarrow \text{ ten minutes past five} \\
5:15 \rightarrow \text{ quarter past five} \\
5:30 \rightarrow \text{ half past five}$ 

 $5:40 \rightarrow \text{ twenty minutes to six}$ 

 $5:45 \rightarrow \text{ quarter to six}$ 

 $5:47 \rightarrow \text{ thirteen minutes to six}$ 

 $5:28 \rightarrow$  twenty eight minutes past five

At minutes = 0, use o' clock. For  $1 \le minutes \le 30$ , use past, and for 30 < minutes use to. Note the space between the apostrophe and clock in o' clock.

Write a program which prints the time in words for the input given in the format described.

#### **Function Description**

Complete the timeInWords function in the editor below.

timeInWords has the following parameter(s):

- int h: the hour of the day
- int m: the minutes after the hour

#### Returns

• string: a time string as described

## Input Format

The first line contains  $m{h}$ , the hours portion The second line contains  $m{m}$ , the minutes portion

#### Constraints

- $1 \le h \le 12$
- $0 \le m < 60$

## Sample Input 0

5 47

thirteen minutes to six

# Sample Output 0



```
Sample Input 1

3
00

Sample Output 1

three o' clock

Sample Input 2

7
15

Sample Output 2

quarter past seven
```



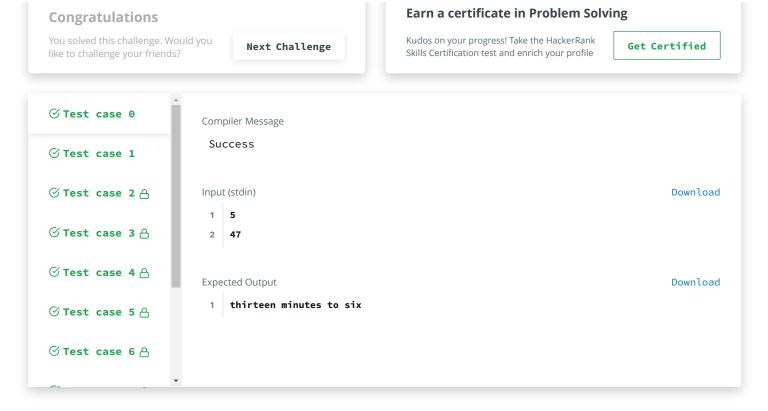
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