

The Time in Words



Problem Statement

Suggestion

Even though this challenge can be solved in many languages, we suggest Ruby as a very flexible language that even the contest judges often use. As a plus, our leading sponsors are very interested in Ruby enthusiasts.

Task

Given the time in numerals we may convert it into words, as shown below:

- 5 : 00 five o' clock
- 5 : 01 one minute past five
- 5 : 10 ten minutes past five
- 5 : 30 half past five
- 5 : 40 twenty minutes to six
- 5 : 45 quarter to six
- 5 : 47 thirteen minutes to six
- 5 : 28 twenty eight minutes past five

Task:

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

Input Format

There will be two lines of input:
\$H\$, representing the hours
\$M\$, representing the minutes

Constraints

- \$1 \le H \le 12\$
- \$0 \le M \le 60\$

Output Format

Display the time in words.

Sample Input

5
47

Sample Output

thirteen minutes to six