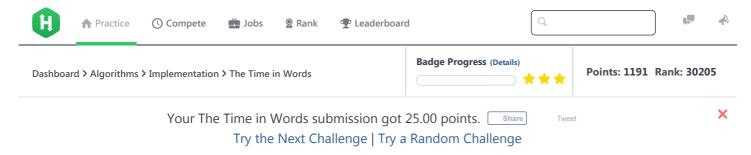
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The Time in Words





 $5:15 \rightarrow \text{ quarter past five}$ $5:30 \rightarrow \text{ half past five}$ $5:40 \rightarrow \text{ twenty minutes to six}$

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

 $5:47 \rightarrow \text{ thirteen minutes to six}$ $5:28 \rightarrow \text{ twenty eight minutes past five}$

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

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

Output Format

Display the time in words.

Sample Input 0

5 47

Sample Output 0

thirteen minutes to six

Sample Input 1

3 00

Sample Output 1



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f ⊌ in

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three o' clock

```
C++14
  Current Buffer (saved locally, editable) & 40
                                                                                                                                  Ö
 1 ▼ #include <iostream>
 2 #include <vector>
 4 | static std::vector<std::string> numbers =
        "zero", "one", "two", "three", "four", "five",
"six", "seven", "eight", "nine", "ten",
"eleven", "twelve", "thirteen", "fourteen", "fifteen",
 6
 8
         "sixteen", "seventeen", "eighteen", "nineteen", "twenty",
         "twenty one", "twenty two", "twenty three", "twenty four", "twenty five",
 9
10
         "twenty six", "twenty seven", "twenty eight", "twenty nine"
11
12 inline void printInWords(const std::string& H, const std::string&M)
13 ▼ {
14
         const int Hours = std::stoi(H);
         const int Minites = std::stoi(M);
15
         if(Minites%15 == 0)
16
17 ▼
18
              switch(Minites)
19 ▼
                  case 15:std::cout << "quarter past " << numbers[Hours] <<std::endl; break;</pre>
20 ▼
                  case 30:std::cout << "half past " << numbers[Hours] <<std::endl; break;</pre>
21 ▼
                  case 45:std::cout << "quarter to " << numbers[Hours+1] <<std::endl; break;</pre>
22 ▼
23 ▼
                  default:std::cout << numbers[Hours] << " o' clock" <<std::endl; break;</pre>
24
25
         }
26
         else if (Minites>30)
27 ▼
28 ▼
              std::cout << numbers[60-Minites] << " minutes to " << numbers[Hours+1] <<std::endl;</pre>
29
         }
30
         else
31 ▼
         {
              (Minites==1) ?
32
33 ▼
              std::cout << numbers[Minites] << " minute past " << numbers[Hours] <<std::endl:</pre>
              std::cout << numbers[Minites] << " minutes past " << numbers[Hours] <<std::endl;</pre>
34 ▼
35
36
    }
37
    int main()
38 ₹ {
39
         std::string Hours; std::cin>>Hours;
40
         std::string Minites; std::cin>>Minites;
41
42
         printInWords(Hours, Minites);
43
         return 0;
44
    }
45
                                                                                                                        Line: 45 Col: 1
                                                                                                            Run Code
                                                                                                                          Submit Code
                         Test against custom input
1 Upload Code as File
                          1
                          1
```

```
Congrats, you solved this challenge!

Challenge your friends: 

✓ Test Case #0

✓ Test Case #1

✓ Test Case #2

✓ Test Case #3

✓ Test Case #4

✓ Test Case #5

✓ Test Case #6
```

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✓ Test Case #9

✓ Test Case #10

You've earned 25.00 points.

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