Problem: The Time in words

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

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:
, representing the hours
, representing the minutes

Constraints

Output Format

Display the time in words.

Sample Input

```
5
47
```

Sample Output

thirteen minutes to six

Solution

```
string translate(int number)  //this function returns the numbers into alphabets
    {
        string str;
        if(number==10) {str="ten"; return str;}
        else if(number==11) {str="eleven"; return str;}
        else if(number==12) {str="twelve"; return str;}
        else if(number==13) {str="thirteen"; return str;}
        else if(number/10==0) //single digit nubmer
          {
              switch(number)
              {
                  case 1: str+="one"; break;
                  case 2: str+="two"; break;
                  case 3: str+="three"; break;
                  case 4: str+="four"; break;
                  case 5: str+="five"; break;
                  case 6: str+="six"; break;
                  case 7: str+="seven"; break;
                  case 8: str+="eight";break;
                  case 9: str+="nine"; break;

              }
          }
        else        //two digit case
          {
              switch(number/10)
              {
                  case 10: str="ten"; break;
                  case 11: str="eleven"; break;
                  case 12: str="twelve"; break;
                  case 13: str="thirteen"; break;
                  case 1: str=translate(number%10)+"teen"; break;
```

```cpp
            case 2: str="twenty "+translate(number%10); break;
            case 3: str="thirty "+translate(number%10); break;
            case 4: str="forty "+translate(number%10); break;
            case 5: str="fifty "+translate(number%10); break;
            case 6: str="sixty "+translate(number%10); break;
            case 7: str="seventy "+translate(number%10); break;
            case 8: str="eighty "+translate(number%10); break;
            case 9: str="ninety "+translate(number%10); break;
            //case 0: str="twenty"+translate(number%10); break;
        }
    }
    return str;
    }

int main()
    {
        int hour, minutes;
        cin>>hour >>minutes;

        //Processing the time
        if(minutes==15)  { cout<<"quarter past "<<translate(hour);}
        else if(minutes==1)  {cout<<translate(minutes)<<" minute past "<<translate(hour); }
        else if(minutes==0)  {cout<<translate(hour)<<" o' clock"; }
        else if(minutes==45) { cout<<"quarter to "<<translate(hour+1);}
        else if(minutes==30) {cout<<"half past "<<translate(hour); }
        else if(minutes<30)  {cout<<translate(minutes)<<" minutes past "<<translate(hour);}
        else if(minutes>30)  {cout<<translate(60-minutes)<<" minutes to
"<<translate(hour+1);}
    }
```

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