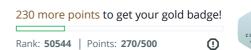




For Loop in C ★



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Objective

In this challenge, you will learn the usage of the for loop, which is a programming language statement which allows code to be executed until a terminal condition is met. They can even repeat forever if the terminal condition is never met.

The syntax for the for loop is:

```
for ( <expression_1> ; <expression_2> ; <expression_3> )
     <statement>
```

- expression_1 is used for intializing variables which are generally used for controlling the terminating flag for the loop.
- expression_2 is used to check for the terminating condition. If this evaluates to false, then the loop is terminated.
- expression_3 is generally used to update the flags/variables.

The following loop initializes \dot{i} to 0, tests that \dot{i} is less than 10, and increments \dot{i} at every iteration. It will execute 10 times.

```
for(int i = 0; i < 10; i++) {
    ...
}</pre>
```

Task

For each integer \boldsymbol{n} in the interval $[\boldsymbol{a},\boldsymbol{b}]$ (given as input) :

- If $1 \le n \le 9$, then print the English representation of it in lowercase. That is "one" for 1, "two" for 2, and so on.
- Else if n>9 and it is an even number, then print "even".
- Else if n > 9 and it is an odd number, then print "odd".

Input Format

The first line contains an integer, a.

The seond line contains an integer, **b**.

Constraints

$$1 \le a \le b \le 10^6$$

Output Format

Print the appropriate English representation, even, or odd, based on the conditions described in the 'task' section.

Note:
$$[a,b] = \{x \in \mathbb{Z} \mid a \le x \le b\} = \{a, a+1, \ldots, b\}$$

Sample Input

8

11



Sample Output

```
eight
nine
even
odd
```

```
Change Theme Language: C
                                                                             1
    #include <stdio.h>
 2
    #include <string.h>
 3
     #include <math.h>
    #include <stdlib.h>
 5
 6
    void count(int a)
 7
 8
         char* num[9]={"one","two","three","four","five","six","seven","eight","nine"};
 9
         if(a<10 && a>0)
         printf("%s\n",num[a-1]);
10
         else if(a>9)
11
12
             if (a%2==0)
13
14
             printf("even\n");
15
             else
             printf("odd\n");
16
         }
17
18
    }
19
20
21
22
23 int main()
                                                                                Line: 17 Col: 6
                                                                   Run Code
                                                                                 Submit Code
Test against custom input
```



4 odd

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