

For Loop in C



A *for* loop is a programming language statement which allows code to be repeatedly executed.

The syntax for this is

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

- *expression_1* is used for initializing variables which are generally used for controlling 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.

A sample loop will be

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

Input Format

The first line contains an integer, *a*.

The second line contains an integer, *b*.

Constraints

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

Output Format

For each integer *n* in the interval $[a, b]$:

- If $1 \leq n \leq 9$, 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".

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

Sample Input

```
8  
11
```

Sample Output

```
eight  
nine  
even  
odd
```