



For Loop



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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

You will be given two positive integers, *a* and *b* ($a \leq b$), separated by a newline.

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
```

Easy

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C++14

```
1 #include <iostream>
2 #include <cstdio>
3 using namespace std;
4
5 int main() {
6     int l,m;
7     cin>>l>>m;
8     for(auto i=1; i<=m; ++i)
9     {
10         if(i<=9)
11         {
12             if(i==1) cout<<"one"<<endl;
13             if(i==2) cout<<"two"<<endl;
14             if(i==3) cout<<"three"<<endl;
15             if(i==4) cout<<"four"<<endl;
16             if(i==5) cout<<"five"<<endl;
17             if(i==6) cout<<"six"<<endl;
18             if(i==7) cout<<"seven"<<endl;
19             if(i==8) cout<<"eight"<<endl;
20             if(i==9) cout<<"nine"<<endl;
21         }
22         else
23         {
24             (i&1)? cout<<"odd"<<endl: cout<<"even"<<endl;
25         }
26     }
27     return 0;
28 }
29
30
```

Line: 1 Col: 1

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