

```
print('Hello world')  
  
Hello world
```

## ▼ Challenge 1: Check if number is odd / even

```
n = int(input())  
print(n)  
  
rem = n % 2  
print(rem)  
  
if rem == 0:  
    print('Even')  
else:  
    print('Odd')  
  
5  
5  
1  
Odd
```

## ▼ Quizzes

```
int(9.7)  
  
9
```

```
int(-1.37)  
  
-1
```

```
int('3')  
  
3
```

```
print("hello world" == "hello world") # they are equal  
  
True
```

```
print("hello world" != "hello world") # they are equal, that is why not equal gives  
  
False
```

```
print("hello world" == "hello World") # they are not equal
```

```
False
```

```
print("hello world" != "hello World") # they are not equal
```

```
True
```

## ▼ Quiz - 3

```
print(True or False)
```

```
True
```

```
print(True and False)
```

```
False
```

## ▼ Challenge 2: Finding the last digit

```
n = int(input())
```

```
rem = n % 10
```

```
print('The last digit is:')  
print(rem)
```

```
10  
The last digit is:  
0
```

### Checking if last digit is 4

```
n = int(input())
```

```
rem = n % 10
```

```
if rem == 4:  
    print('Last digit is 4')  
else:
```

```
print('Last digit is not 4')
```

```
12345
```

```
Last digit is not 4
```

## ▼ Print statement

```
print('How')  
print('are')  
print('you')
```

```
How  
are  
you
```

```
print('How are you')
```

```
How are you
```

```
print('How are you?')  
print('I am fine')
```

```
How are you?  
I am fine
```

```
print('How are you?', 'I am fine')
```

```
How are you? I am fine
```

```
print('How', 'are', 'you')
```

```
How are you
```

```
print('a', 'b', 'c', 'd', 'e')
```

```
a b c d e
```

## ▼ Problem:

We want to print with 2 print statements separately but in the same line

How are you? I am fine

```
print('How are you?') # by default the ending character is a new line  
print('I am fine')
```

```
How are you?  
I am fine
```

```
print('How are you?', end='\n') # '\n' special character for new line  
print('I am fine', end='\n')
```

```
How are you?  
I am fine
```

```
print('How are you?', end='123')  
print('I am fine')
```

```
How are you?123I am fine
```

```
print('How are you?', end=' ') # this print statement will not start a newline  
print('I am fine')
```

```
How are you? I am fine
```

## ▼ Quiz

```
print('How', end=' ')  
print('is', end=' ')  
print('everyone', end=' ')
```

```
How is everyone
```

```
print('How', end='')  
print('is', end='')  
print('everyone', end='')
```

```
Howiseveryone
```

```
print('Hello', 'world', end='-')
```

```
Hello world-
```

```
print("\n")
```

## ▼ Challenge 4: Print meow 5 times

```
print('Meow')  
print('Meow')
```

```
print('Meow')  
print('Meow')  
print('Meow')
```

```
Meow  
Meow  
Meow  
Meow  
Meow
```

## ▼ While Loops

```
i = 0  
print('The value of i is:', i)  
  
while i < 5:  
    print('Meow')  
    i = i + 1  
    print('The value of i is:', i)
```

```
The value of i is: 0  
Meow  
The value of i is: 1  
Meow  
The value of i is: 2  
Meow  
The value of i is: 3  
Meow  
The value of i is: 4  
Meow  
The value of i is: 5
```

## ▼ Quiz

```
print(5 < 5)
```

```
False
```

```
print(5 == 5)
```

```
True
```

```
print(0 < 5)  
print(1 < 5)  
print(2 < 5)
```

```
print(3 < 5)  
print(4 < 5)
```

```
True  
True  
True  
True  
True
```

```
print(5 <= 5)
```

```
True
```

```
print(1 <= -20) # because 1 > -20
```

```
False
```

