

```
In [1]: a = 100  
        b = 150  
        a  
        b
```

Out[1]: 150

```
In [2]: print(a)  
        print(b)
```

100  
150

```
In [3]: print(10)  
        print(10, 20)  
        print('python')  
        print(10, 20, 'python')
```

10  
10 20  
python  
10 20 python

```
In [4]: num1 = 20  
        num2 = 30  
        add = num1 + num2  
        print(add)
```

50

## Printing result with String

```
In [5]: num1 = 150  
        num2 = 50  
  
        add = num1 + num2  
        print('The addition of', num1, 'add', num2, 'is=', add)
```

The addition of 150 add 50 is= 200

```
In [7]: name = 'Mikun'
age = 25
city = 'rgda'
print('My name is', name, 'and i am', age, 'years old and from', city)
```

My name is Mikun and i am 25 years old and from rgda

## Print Format method

```
In [10]: num1 = 150
num2 = 50
num3 = 27
add = num1 + num2 + num3

print('The addition of {} and {} and {} is= {}'.format(num1, num2, num3, add))
```

The addition of 150 and 50 and 27 is= 227

```
In [11]: name = 'Mikun'
age = 25
city = 'rgda'
print('hello my name is {}, and i am {} years old from {}'.format(name, age, city))
```

hello my name is Mikun, and i am 25 years old from rgda

```
In [12]: num1 = 100
num2 = 25
num3 = 333
avg = (num1+num2+num3)/3
avg1=round((num1+num2+num3)/3,2)

print('The avrage of {}, {}, and {} is = {} or {}'.format(num1, num2, num3, avg, avg1))
```

The avrage of 100, 25, and 333 is = 152.66666666666666 or 152.67

```
In [14]: round(avg, 2) # round of till 2 digit after decimal
```

Out[14]: 152.67

## More short format method(f string method)

- Variable should be in curly braces
- and write everything inside quotes `' '`
- at strting simply add `f`

```
In [15]: num1 = 20
num2 = 30
add = num1 + num2
print(f"The addition of {num1} and {num2} is= {add}")
```

The addition of 20 and 30 is= 50

```
In [16]: name = 'Mikun'
age = 25
city = 'rgda'
print(f"Hello my name is {name}, and i am {age} year old, from {city}.")
```

Hello my name is Mikun, and i am 25 year old, from rgda.

```
In [17]: num1 = 100
num2 = 25
num3 = 333
avg = round((num1+num2+num3)/3,2)
print(f"The average of {num1}, {num2} and {num3} is = {avg}")
```

The average of 100, 25 and 333 is = 152.67

```
In [19]: # Combining all
num1=10
num2=20
add = num1+ num2
print('The addition of',num1,'and',num2,'is=',add)
print('The addition of {} and {} is= {}'.format(num1,num2,add))
print(f'The addition of {num1} and {num2} is= {add}')
```

The addition of 10 and 20 is= 30

The addition of 10 and 20 is= 30

The addition of 10 and 20 is= 30

## End Statement

```
In [20]: print('Hello')  
         print("Good morning")
```

Hello  
Good morning

```
In [21]: print("Hello", end = " ")  
         print("World")
```

Hello World

## Separator

- Here one print statement only we use
- inside one print statement we have multiple values
- we want to separate these multiple values with anything

```
In [22]: print('hello', 'hai', 'how are you', sep='--->')
```

hello--->hai--->how are you

```
In [24]: print('hello', 'hai', 'how are you', sep='@ ')
```

hello@ hai@ how are you

```
In [25]: print(3, '.')  
         print(3, '.', sep='')
```

3 .  
3.

```
In [26]: print(1,2,end=' ')  
         print(3, '.', sep = '')
```

1 2 3.

```
In [ ]:
```

```
In [ ]:
```

In [ ]: