

python

```
In [2]: a=20  
        b=30  
        a  
        b
```

Out[2]: 30

```
In [4]: a=20  
        b=30  
        print(a)  
        print(b)
```

20
30

```
In [6]: print(20)  
        print(20,30)  
        print('python')  
        print(20,30,'python')
```

20
20 30
python
20 30 python

```
In [8]: print(a)
```

20

```
In [10]: print(id(a))
```

140733536021528

```
In [12]: print('python')
```

python

```
In [18]: num1=5  
        num2=15  
        add=num1+num2  
        print(add)
```

20

```
In [30]: num1=10  
        num2=5  
        num3=10  
        sub=num1-num2-num3  
        print(sub)
```

-5

```
In [32]: num1
```

Out[32]: 10

```
In [34]: print(id(num1))
```

140733536021208

print result with string

```
In [41]: num1=10
num2=20
add=num1+num2
print('The addition of' ,num1, 'and' ,num2, 'is=' ,add)
```

The addition of 10 and 20 is= 30

```
In [49]: name='devil'
age=20
city='delhi'
```

```
In [80]: print('My name is',name, 'and i am' ,age, 'years old and i am from',city,)
```

My name is devil and i am 20 years old and i am from delhi

print format method

```
In [58]: num1=10
num2=20
add=num1+num2
print('The addition of {} and {} is= {}'.format(num1,num2,add))
```

The addition of 10 and 20 is= 30

```
In [86]: num1=100
num2=150
num3=200
avg=(num1+num2+num3)/3
avg1=round((num1+num2+num3)/3,2)

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

The avg of 100, 150,and 200is= 150.0 or 150.0

```
In [88]: round(avg,2)
```

Out[88]: 150.0

```
In [92]: num1=10
num2=20
sub=num1-num2
print(f'The sub of{num1} and {num2} is= {sub}')
```

The sub of10 and 20 is= -10

```
In [94]: num1=100
num2=200
add=num1+num2
avg=round((num1+num2+num3)/3,2)
```

```
In [98]: print(f'The avg of {num1}, {num2}, and {num3} is = {avg}')
```

The avg of 100, 200, and 200 is = 166.67

```
In [100... round(avg,2)
```

Out[100... 166.67

```
In [104... num1=50
num2=100
add=num1+num2
print('The add of',num1, 'and',num2, 'is', add)

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

print(f'The add of {num1} and {num2}is= {add}')
```

The add of 50 and 100 is 150

The add of 50 and 100 is= 150

The add of 50 and 100is= 150

end statement

```
In [2]: print('hello')
print('good morning')
```

hello
good morning

```
In [14]: print('hello', end = ' ')
print('welcome to my world')
```

hello welcome to my world

separator

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

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

```
In [30]: print('hello','hai','welcome','how are you',sep='&')
```

hello&hai&welcome&how are you

```
In [50]: print('hello','hai','welcome','how are you',sep='@')
```

hello@hai@welcome@how are you

```
In [52]: print(3, '.')
```

3 .

```
In [56]: print(3, '.',sep='')
```

3.

```
In [58]: print(1,2,end=' ')
print(3, '.',sep=' ')
```

1 2 3 .

In []: