python operators

arthmatic operator

logical operator

bitwise operator

assisgment operator

comparision operator

In [5]:

```
print(12+3)
```

```
15
```

In [6]:

```
print(10-20)
```

```
-10
```

In [1]:

```
print(10+5)
```

```
15
```

In [2]:

```
print(14*5)
```

```
70
```

In [8]:

```
print(20**14)
```

```
1638400000000000000
```

In [4]:

```
print(3%5)
```

```
3
```

In [7]:

```
# assisgnment operators
x=5
print(x)
```

5

simple assignment operator(=)

add and equal operator(+=)

subtract and equal operator(-=)

asterisk and equal operator(*=)

divide and equal operator(/=)

moduals and equal operator(%=)

double divide and equal operator(//=)

exponent assign operator(**=)

bitwise and operator(&=)

bitwise or operator(|=)

bitwise xor operator(^=)

bitwise right shift assignment operator(>>=) ¶

bitwise lift shift assignment operator(<<=)

In [9]:

```
x=80
y=90
if(x==y):
    print("yes")
else:
    print("no")
```

no

In [10]:

```
x-=7
print(x)
```

```
73
```

In [11]:

```
x+=36
print(x)
```

```
109
```

In [12]:

```
x*=32
print(x)
```

```
3488
```

In [13]:

```
x/=20
print(x)
```

```
174.4
```

In [14]:

```
x%=12
print(x)
```

```
6.400000000000006
```

In [18]:

```
x//=2
print(x)
```

```
0.0
```

In [19]:

```
x=32
x**=2
print(x)
```

```
1024
```

In [ ]:

```

```

comparision operator

== equai to != not equal to

> greater < less then = greater then and equal <= less then and equal

In [23]:

```
x=3
y=5
print(x<y)
```

```
True
```

In [25]:

```
x=5
y=3
print(x<y)
```

```
False
```

logical operator

and or not

In [31]:

```
x=4
print(x>3 and x<10)
print(x)
```

```
True
4
```

In [32]:

```
x=15
print(x>5 or x<20)
print(x)
```

```
True
15
```

In [35]:

```
x=4
print(not(x>3 and x<10))
type(x)
```

```
False
```

Out[35]:

```
int
```

In [ ]:

```

```

In [ ]:

In [ ]: