

```
+ 🔍 📄 ▶ ⏏ 🔄 ⏪ ⏩ Code ⌵ Python 3.6.4 Shell

[4]: a,b = 2,10
[5]: a,b
[5]: (2, 10)
[6]: a + b
[6]: 12
[8]: a - b
[8]: -8
[9]: a * b
[9]: 20
[10]: a /b
[10]: 0.2
[14]: a = 10
[15]: a += 5
[16]: a
[16]: 15
[17]: a -= 3
[18]: a
[18]: 12
[19]: a *= 2
[20]: a
[20]: 24
[21]: a /= 4
[22]: a
[22]: 6.0
```

```
[22]: 6.0
[26]: if(10 < 2):
      print("10 < 2")
      else :
      print("10 > 2")
10 > 2
[1]: if(0 == False and 0 != "0"):
      print("Hello")
Hello
[2]: a = 10
[3]: b = "b"
[4]: type(a), type(b)
[4]: (int, str)
[5]: a,b = 10,20
[6]: a&b
[6]: 0
[7]: a|b
[7]: 30
[8]: a ^ b
[8]: 30
[12]: a >> b
[12]: 0
[13]: a << b
[13]: 10485760
[14]: b >> a
[14]: 0
[21]: b << a
```

```
a >> b
```

$a \ll b$

10485760

**b >> a**

**b << a**

-10240

```
a,b = 10,0
```

$$b = -a$$
 $a, b$ 

$(10, -10)$

 $a, b$ 

$(10, -10)$

```
c = a if a > b else b
```

10

-10