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In [63]: # arhithmetic operators
          x, y=10, 2
          print("x + y = ", x + y) # Addition
          print("x - y =", x - y) # Subtraction
          print("x * y =", x * y) # Multiplication
print("x / y =", x/y)#division
          print("x //y =", x //y)
          print("x % y =", x % y) # Modulus
          print("x ** y =", x ** y) # Exponentiation
        x + y = 12
        x - y = 8
        x * y = 20
        x / y = 5.0
        x //y = 5
        x \% y = 0
        x ** y = 100
In [64]: # relational operators
          a=5
          b=6
          a<b #less than
Out[64]: True
In [65]: a>b #greater than
Out[65]: False
In [66]: b=5
          a==b #equal to
Out[66]: True
In [67]: a<=b #less than or equal to</pre>
Out[67]: True
In [68]: a>=b #greater than or equal to
Out[68]: True
In [69]: a!=b #not equal to
Out[69]: False
In [70]: #assignment operators
         x=8
          x=x+2
          Χ
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Out[70]: 10
In [71]: x+=2
Out[71]: 12
In [72]: x-=2
         Χ
Out[72]: 10
In [73]: x*=2
         Χ
Out[73]: 20
In [74]: x/=2
Out[74]: 10.0
In [75]: x%=2
Out[75]: 0.0
In [76]: #unary operators
         x=9
         X=-X
         Х
Out[76]: -9
In [77]: x=-x
Out[77]: 9
In [78]: #logical operators
         a=5
         b=4
         a<8 and b<5 #and operator
Out[78]: True
In [79]: a<8 and b<2 #or operator
Out[79]: False
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In [80]: a<8 or b<2 #or operator

Out[80]: True

In [81]: a>8 or b<2 #or operator

Out[81]: False

In [82]: **x=False**

Χ

Out[82]: False

In [83]: not(x) #not operator

Out[83]: True