

assingment.py - C:/Users/a/Desktop/Google/assingment.py (3.12.10)

File Edit Format Run Options Window Help

```
#airthmatic operators
a= 15
y= 4
print("Addition : a+y=" , a+y)
print("Subtraction : a-y=" , a-y)
print("Multiplication : a*y=" , a*y)
print("Division : a/y=" , a/y)
print("Floor division : a//y=" , a//y)
print("Modulus : a%y=" , a%y)
print("Exponentation : a**y=" , a**y)

# Answer : floor division roundoff the value of quetient and modulus give us left over (reminder)

# Airthmatic assingment operators

x = 10
print ("Intial value of x:",x)
x+=5
print("After x+=5 :",x)
x-=4
print("After x-=4 :",x)
x*=2
print("After x*=2 :",x)
x/=2
print("After x/=2 :",x)

# Answer : value of x is 11

# Comparision operators

a=7
b=10

print("a==b:",a==b)
print("a!=b:",a!=b)
print("a>b:",a>b)
print("a<b:",a<b)
print("a>=b:",a>=b)
print("a<=b:",a<=b)
```

assingment.py - C:/Users/a/Desktop/Google/assingment.py (3.12.10)

File Edit Format Run Options Window Help

```
#airthmatic operators
a= 15
y= 4
print("Addition : a+y=" , a+y)
print("Subtraction : a-y=" , a-y)
print("Multiplication : a*y=" , a*y)
print("Division : a/y=" , a/y)
print("Floor division : a//y=" , a//y)
print("Modulus : a%y=" , a%y)
print("Exponentation : a**y=" , a**y)

# Answer : floor division roundoff the value of quotient and modulus give us left over (reminder)

# Airthmatic assimgment operators

x = 10
print ("Intial value of x:",x)
x+=5
print("After x+=5 :",x)
x-=4
print("After x-=4 :",x)
x*=2
print("After x*=2 :",x)
x/=2
print("After x/=2 :",x)

# Answer : value of x is 11

# Comparision operators

a=7
b=10

print("a==b:",a==b)
print("a!=b:",a!=b)
print("a>b:",a>b)
print("a<b:",a<b)
print("a>=b:",a>=b)
print("a<=b:",a<=b)
```

Python 3.12.10 (tags/v3.12.10:0cc8128, Apr 8 2025, 12:21:36) [MSC v.1943 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.

>>>

===== RESTART: C:/Users/a/Desktop/Google/assingment.py =====

```
Addition : a+y= 19
Subtraction : a-y= 11
Multiplication : a*y= 60
Division : a/y= 3.75
Floor division : a//y= 3
Modulus : a%y= 3
Exponentiation : a**y= 50625
Initial value of x: 10
After x+=5 : 15
After x-=4 : 11
After x*=2 : 22
After x/=2 : 11.0
a==b: False
a!=b: True
a>b: False
a<b: True
a>=b: False
a<=b: True
x and y: false
x or y: true
not x: False
's' in institute: True
'Mass' in institute: True
'Saylani' not in institute: False
a is b: True
a is c: False
c is not b: True
Enter your username :Talha
Enter your password :Axiom1
Invalid
```

>>>