8/7/24, 1:25 AM lab2.py

## E:\lab2.py

```
1 #Q.1 Write a program for arithmetic operators:
2
 3
4
   a = 10
5
   b = 5
6
7
   print("Addition:", a + b)
8
9
10
    print("Subtraction:", a - b)
11
12
13
    print("Multiplication:", a * b)
14
15
    print("Division:", a / b)
16
17
    print("Modulus:", a % b)
18
19
20
    print("Exponentiation:", a ** b)
21
22
23
    print("Floor Division:", a // b)
24
25
26
   #Q.2 Write a program for assignment operators:
27
28
29
   a = 10
   print("Initial value:", a)
30
31
32
   a = 5
33
   print("After assignment:", a)
34
35
36
37
   a += 5
   print("After addition assignment:", a)
38
39
40
   a -= 3
41
    print("After subtraction assignment:", a)
42
43
44
   a *= 2
45
   print("After multiplication assignment:", a)
46
47
48
49
   a /= 2
50
    print("After division assignment:", a)
51
```

area = 0.5 \* base \* height

print("The area of the triangle is:", area)

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