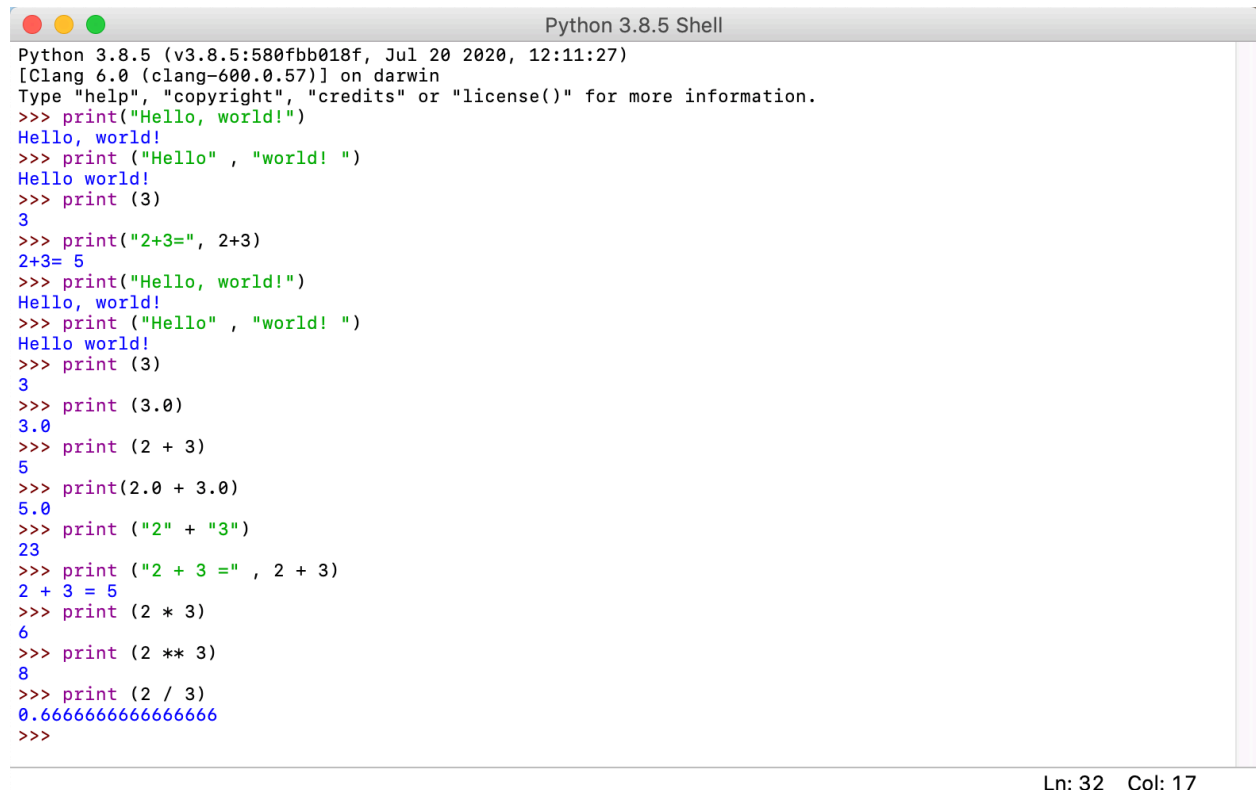


Practice 1 - Expressions and Functions

Test 1: Print function

```
>>> print ("Hello, world!")
>>> print ("Hello" , "world! ")
>>> print (3)
>>> print("2+3=", 2+3)
>>> print ("Hello, world!")
>>> print ("Hello" , "world! ")
>>> print (3)
>>> print(3.0)
>>> print (2 + 3)
>>> print(2.0 + 3.0)
>>> print ("2" + "3")
>>> print ("2 + 3 =" , 2 + 3)
>>> print (2 * 3)
>>> print (2 ** 3)
>>> print (2 / 3)
```

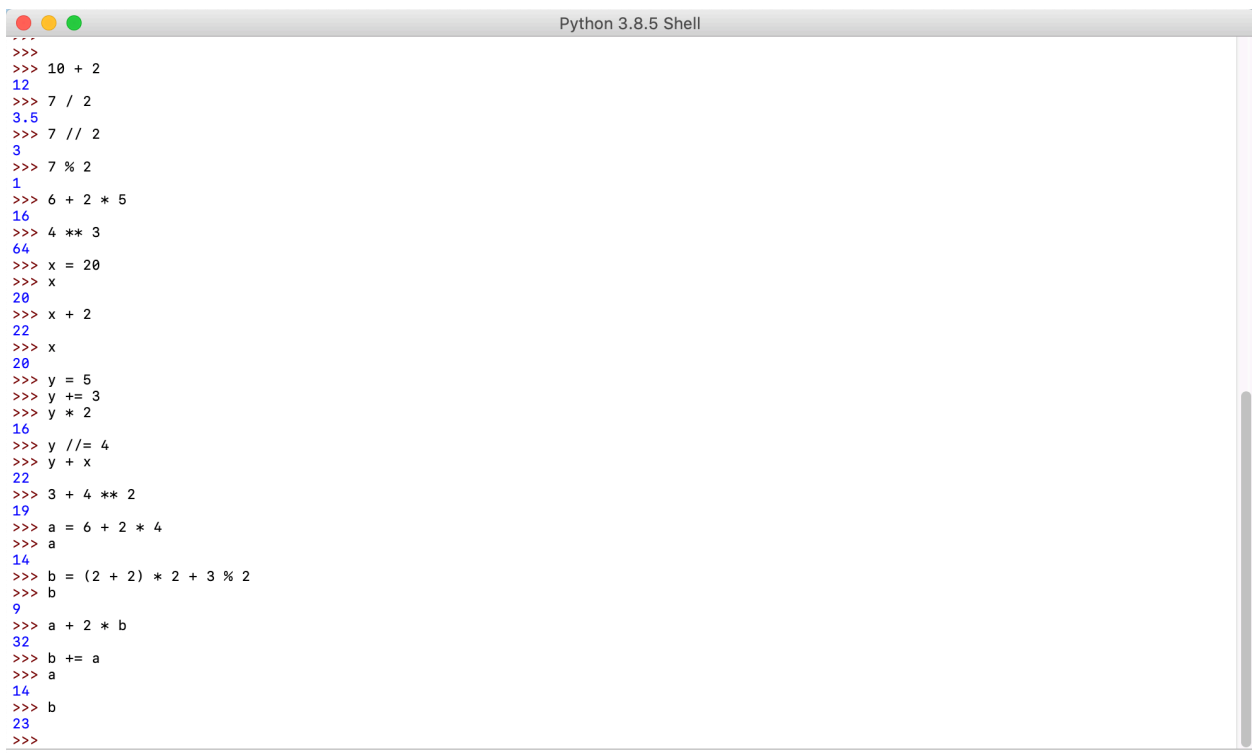


```
Python 3.8.5 Shell
Python 3.8.5 (v3.8.5:580fbb018f, Jul 20 2020, 12:11:27)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Hello, world!")
Hello, world!
>>> print ("Hello" , "world! ")
Hello world!
>>> print (3)
3
>>> print("2+3=", 2+3)
2+3= 5
>>> print("Hello, world!")
Hello, world!
>>> print ("Hello" , "world! ")
Hello world!
>>> print (3)
3
>>> print (3.0)
3.0
>>> print (2 + 3)
5
>>> print(2.0 + 3.0)
5.0
>>> print ("2" + "3")
23
>>> print ("2 + 3 =" , 2 + 3)
2 + 3 = 5
>>> print (2 * 3)
6
>>> print (2 ** 3)
8
>>> print (2 / 3)
0.6666666666666666
>>>
```

Ln: 32 Col: 17

Test 2: Arithmetic Expressions

```
>>> 10 + 2
>>> 7 / 2
>>> 7 // 2
>>> 7 % 2      # 7 modulo 2, equivalent to the remainder of 7 // 2
>>> 6 + 2 * 5
>>> 4 ** 3 # Exponent
>>> x = 20
>>> x + 2
>>> x
>>> y = 5
>>> y += 3      # Equivalent to y = y + 3
>>> y * 2
>>> y /= 4      # Equivalent to y = y // 4
>>> y + x
>>> 3 + 4 ** 2
>>> a = 6 + 2 * 4
>>> a
>>> b = (2 + 2) * 2 + 3 % 2
>>> b
>>> a + 2 * b
>>> b += a # Equivalent to b = b + a
>>> a
>>> b
```



```
Python 3.8.5 Shell
>>> 10 + 2
12
>>> 7 / 2
3.5
>>> 7 // 2
3
>>> 7 % 2
1
>>> 6 + 2 * 5
16
>>> 4 ** 3
64
>>> x = 20
>>> x
20
>>> x + 2
22
>>> x
20
>>> y = 5
>>> y += 3
>>> y * 2
16
>>> y /= 4
>>> y + x
22
>>> 3 + 4 ** 2
19
>>> a = 6 + 2 * 4
>>> a
14
>>> b = (2 + 2) * 2 + 3 % 2
>>> b
9
>>> a + 2 * b
32
>>> b += a
>>> a
14
>>> b
23
>>>
```