

Solution Review: Mathematical Calculations

This review provides a detailed review of mathematical operations in python.

WE'LL COVER THE FOLLOWING



- Solution: Use Basic Mathematical Operators

Solution: Use Basic Mathematical Operators

This is a fairly straightforward depiction of how mathematical calculations in Python are done.

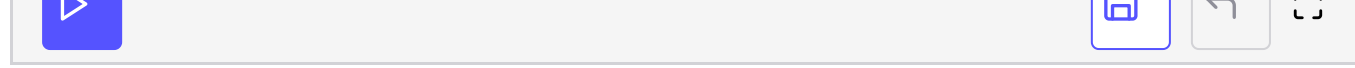
A brief description of the previous operations' functions is given below.

/	Division	Divides the number on the left with the number on the right
//	Floor Division	Divides and returns the integer value of the quotient
%	Modulus	Divides and returns the value of the remainder
**	Exponentiation	Raises the first number to the power of the second

Have a look at the following Python code.

```
def MathOp():  
  
    classic_division = 3/2 ## Calculate 3/2 here  
    floor_division = 3//2 ## Calculate 3//2 here  
    modulus = 3%2 ## Calculate 3%2 here  
    power = 3**2 ## Calculate 3**2 here  
    ## Returning the calculations for evaluation  
    return [classic_division, floor_division, modulus, power]  
  
[classic_division, floor_division, modulus, power]=MathOp()  
print(classic_division)  
print(floor_division)  
print(modulus)  
print(power)
```





Try these calculations on your own to make sure each operator is performing its intended functionality.

Now that you know how to perform basic arithmetic operations in Python, let's move on to solving other problems involving these operations!