

Solution Review: Compute & Return Maximum

This lesson will explain how to compute and return the maximum of two numbers.

WE'LL COVER THE FOLLOWING



- Solution 1: Use the `if` Statement
- Solution 2: Use the Built-in `max` Function

Solution 1: Use the `if` Statement

Use the `if` statement to compare if variable `x` is greater than `y` `x>y`. If `x` is greater than `y`, then save the value of `x` in `maximum`; otherwise, save the value of `y`.

```
def findMaximum(x, y):  
    max2 = 0  
    if(x > y):  
        max2 = x  
    max2 = y  
    return max2  
print(findMaximum(2, 3))
```



Solution 2: Use the Built-in `max` Function

To calculate the maximum of numbers `n1,n2,n3`, use the following built-in `max` function `max(n1,n2,n3,...)`:

```
def findMaximum(x, y):  
    max2 = max(x, y)  
    return max2  
print(findMaximum(2, 3))
```



Let's move on to the next problem.