#### **Assertions**



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Dictionary - A confident and forceful statement of fact or belief



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Code - Enforcing the assumptions documented





```
def greatest_of_two(value1, value2):
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def greatest of two(value1, value2):
    """Returns whichever value is greater, assuming they are not equal
    params:
    value1(float): First number for comparison
    value2(float): Second number for comparison
    returns(float): greatest among two values
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    if value1 > value2:
        return value1
    else:
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    # if values not equal, do nothing : Else return prompt
    assert value1 != value2, "The two values must not be equal"
    if value1 > value2:
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better\_greatest\_of\_two(5,5)



```
better greatest of two(5,5)
AssertionError
                                         Traceback (most recent call last)
<ipython-input-12-4298e51424b2> in <module>
---> 1 better greatest of two(5,5)
<ipython-input-11-47f0c11698be> in better greatest of two(value1, value2)
     10
           # if values not equal, do nothing : Else return promt
---> 11
           assert value1 != value2, "The two values must not be equal"
     12
     13
           if value1 > value2:
AssertionError: The two values must not be equal
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Halts execution on first appearance of unexpected condition



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#### Notebook

