**Problem:** Given 3 variables A, B, and C, write a Python program that arranges the 3 numbers from the biggest to the smallest. Make sure all combination of inputs will yield the same result. Show the result of all the test cases below.

|  |  |  |  |
| --- | --- | --- | --- |
| A | B | C | OUTPUT |
| 1 | 2 | 3 | 3, 2, 1 |
| 1 | 3 | 2 | 3, 2, 1 |
| 2 | 1 | 3 | 3, 2, 1 |
| 2 | 3 | 1 | 3, 2, 1 |
| 3 | 1 | 2 | 3, 2, 1 |
| 3 | 2 | 1 | 3, 2, 1 |
|  |  |  |  |

* All submissions should be separate from other exercises and quests. Please do not lump all your answers into one document and re-using that same workspace to gain multiple points. Thanks.
* Place your name at the bottom of your code, download your Python program in html format, and submit your work in Canvas.

a=[1,1,2,2,3,3]

b=[2,3,1,3,1,2]

c=[3,2,3,1,2,1]

index = 0

print("A", "B", "C", "OUTPUT")

**while** index < len(a):

print(a[index],b[index],c[index], sorted([a[index],b[index], c[index]], reverse=**True**))

index += 1

A B C OUTPUT

1 2 3 [3, 2, 1]

1 3 2 [3, 2, 1]

2 1 3 [3, 2, 1]

2 3 1 [3, 2, 1]

3 1 2 [3, 2, 1]

3 2 1 [3, 2, 1]