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CSIT 425-01
Homework 3 Test Cases

Objective: Program should take two non-negative integer inputs, store them as arrays and then sum them to be exported as an array output. This test will test various cases to see if this assumption is true.

Test Inputs	Expected Output	Real Output	Pass/Fail
Array1: {4,5,6,7} Array2: {2,3,4,5}	6,8,0,3,1	6,8,0,3,1	Pass, outputted expected output
Array1: {0,0,0} Array2 {0,0,0}	0,0,0	0,0,0	Pass, outputted expected output
Array1: {-1, -2, -3} Array2: {-4, -5, -6}	Error Message	9, -6, 7, -6, 5, -6	Fail, Error catch for this issue not included.
Array1: {10,20,30] Array2: {40,50,60}	Error Message	0,9,0,7,0,5,4	Fail, Input method does not distinguish multi digit inputs as errors instead processes them as multiple separate inputs
Array1: {5,5,5} Array2: {5,5,5]	0,1,1,1	0,1,1,1	Pass, program properly distributed values that went over ten to the next array value and gave expected output