

Requirement Specification for the Array Program.

Function: Compute the sum of two integer arrays into a third array.

Description: The program shall take two integer arrays as input. Each element in the array is one digit however when all digits in the array are combined a number is formed. program should work with any size arrays and both arrays may not be the same size. If the result is larger than an integer (4 bytes) your program will return an empty array.

Input: Non negative numbers into two arrays.

Output: Sum of the numbers within the two arrays.

Source: Visual Studio Code, using C++

Action: User inputs any non-negative numbers into two arrays, all digits in the array are combined to form one number for each array. The program will then take these two numbers and add them together to form another number which is placed in a new third array for the user to see.