

Sprint plan for user story: The program shall take two integer arrays as input. Each array represents a non-negative number. Each element in the array is one digit however when all digits in the array are combined a number is formed. See example below:

int Array1 = {4,5,6,7} represents number 7654

int Array2 = {2,3,4,5} represents number 5432

You will add the two numbers i.e., $7654 + 5432 = 13086$ and store it in a new array similar to how the numbers were stored earlier i.e., {6,8,0,3,1}. The output of your program will be this array for given input arrays.

Your 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. Code can be written in Python or C++.

A two-week period consisting of two sprints.

Sprint 1, July 13th to July 19th – A rough draft of the entire source code, if any errors in the code occur keep working through them. Plan is to have an entire rough draft of the code to edit and eventually perfect.

Sprint 2, July 27th to August 2nd – Complete the code by fixing any errors, try and simplify the code if possible. Add comments to the code explaining in detail what each section of code is doing. Push completed code to github.