

CISP 300 Week 6 Assignment 6

414#4 Number Analysis Program

Design and code program that asks the user to enter a series of 20 numbers (integers). The program should store the numbers in an array and then display the following data:

- The lowest number in the array
- The highest number in the array
- The total of the numbers in the array
- The average of the numbers in the array

414#7 Phone Number Lookup (Modified)

Design and code a program that has **two parallel arrays**: a String array named people initialized with seven of your friends' names, and a String array, phoneNumbers, initialized with their phone numbers (they don't have to be their real phone numbers for privacy reasons). The program should allow the user to enter a person's name (**case insensitive**) (or part of a person's name). It should then search for that person in the people array. If the person is found, it should get that person's phone number from the phoneNumbers array and **display** their name and phone number. If not found, the program should **display** a message indicating so.

Assignment Graded: _____

Flowcharts are mandatory. If you do not complete the flowchart, you will get 0 points for the assignment.

Rubric:

Flowchart-----	8
Program follows flowchart-----	6
Header comments-----	2
Internal comments-----	2
Meaningful variable names-----	2
Correct output, uses arrays-----	8
Labels with output-----	2
TOTAL-----	30

