

CS 216 Homework 1

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Due Date: April 9

Problem 4

Problem 4a

The variable x will be assigned to an array that is the numbers 1 through 5 arranged in a random order.

Problem 4b

The variable a will be assigned to an array that is the numbers 1 through 10 arranged in chronological order. The variable b will end up being assigned an array that is the numbers 1, 4, 7, 10 because it is the first number and then every third number after that.

Problem 4c

The variable f will be assigned to an array that is the numbers 1501 to 2000 in chronological order. The variable g will be assigned to the indices of f where the entries are greater than 1850 which is 351 to 500. The variable h will then be assigned an array that is the numbers 1851 to 2000.

Problem 4d

The variables x will be assigned to a vector of 10 entries where each entry has value 22. The variable y will be assigned the sum of the entries which will be 220.

Problem 4e

The variable a will be assigned an array that is the numbers 1 to 1000 in chronological order. The variable b will be assigned a vector that is the numbers 1 to 1000 in reverse order.