

CS102D - Introduction to Computer Science
Fall 2020
10/13/20
Quiz #2

Name: _____

Score: _____ / 10

Hexadecimal Counting (5 points)

Write a function, `hexCounting(int start, int end, int increment)` that prints the counts starting at the `start` integer, ends at the `end` integer, and increments by the `increment` variable. The counts should be printed and separated by a space. Your main should be able to take these variables as inputs.

Hint: You can just use `%x` in `printf` to convert to hexadecimal.

Sample Input: 0 30 3

Sample Output: 0 3 6 9 c f 12 15 18 1b 1e

Partial Reversal (5 points)

When playing Scrabble, a player tends to swap letters around. To assist in finding words, you decide to write a partial reversal function. This function, `partialReversal(string s[], int start, int end)`, reverses part of a string and prints out the final string. Your main should be able to take these variables as inputs.

Sample Input: SC102 0 1

Sample Output: CS102

Bonus (+1): Handle the cases where you have invalid inputs and print out "Invalid Input."

Sample Input: SC102 5 3

Sample Output: Invalid Input.