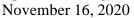
CptS 121 – Program Design and Development





Your Name:	TA's Name:
ID#:	Section #:

Take-Home Quiz 8 (15 pts) - Recursion & More Pointers NOTE: Please submit your hard copy solution in lab this week

1. (7 pts) Write a function called recursive_string_length () that accepts a *pointer* to a string as a parameter, recursively *counts* the number of characters in the string (excluding the null character), and returns the *integer* count. For example, the count for "CptS121" is 7. You may not use any functions from <string.h>.

2. (8 pts) Write a function <code>recursive_string_copy()</code> which accepts a pointer to a source string and a pointer to a destination string as parameters, recursively copies from the source to destination (including the null character), and returns nothing. You may not use any functions from <string.h>. Hint: each recursive step requires that you pass in the address of the next character to copy from the source and the address of the next destination character location.

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