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System-Level Programming

Lab Assignment# 10: Post-Lab

**Part: 1**

Screenshot of code:

A screenshot of a computer

Description automatically generated with medium confidence

Screenshot of output:

Graphical user interface, text

Description automatically generated

1. We use \*char as a return value of “strcpy” because “strcpy” returns a pointer to the destination string, otherwise known as “strDest”. Since this function is simply copying the string pointed to by “strSrc” into the array pointed to by “strDest” and string is defined as an array of characters stopping after the first null character, then the return value must be of char type. Also, since a pointer to the destination is being returned, the type needs to be a pointer of type char, \*char.

**Part: 2**

Screenshot of source code:

Text

Description automatically generated

A screenshot of a computer

Description automatically generated

1. Screenshot of output:

Graphical user interface, text

Description automatically generated