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CST-221

**CST – 221 Systems and Tools**

Here are my given screenshots showing the execution of the given code as well as testing the code output on both MAMP server and Linux operating system:

***OPERATING SYSTEM EXPLORATION RESULTS:***

MAMP output with sublime text:

A screenshot of a cell phone

Description automatically generated

Linux Output while running C code through the Linux Terminal:

A screenshot of a computer

Description automatically generated

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| --- | --- | --- |
| List of Features:  -We see that there are different features when working with the C code. The features include executing the given code through Linux as well as the MAMP server.  -Within the list of features, we see that two different files were created in helping test the given C code. I created a file called Hello.c in both Sublime Text as well as Kali Linux notepad. | What I did to access features  -What I did to access these features were multiple steps.  -When using the MAMP server, I was able to make the code and save it through the text editor. After, I deployed the given code file within the given localhost server to test out the output.  -When using the Kali Linux, I was able to use different commands which I used in. First, I used the cat command -n in order to get the file executed. | How I think it works,  -In relation to the Linux database, I used the commands cat -n. What I think this does is read the given file within the virtual machine and then executes the given code onto the console.  -For sublime, using the MAMP server automatically was able to run the given C file and execute.  -Lastly, we have the command of dir. This helped me gather the given file from the directory of the program. |

**List of Resources:**

-MAMP server and localhost website(http://localhost:8888/sublime%20text%20scratchwork/Hello.c)

-VirtualBox and Linux Software

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