CSCI 4401

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Assignment 1

**Question 1.** Run **$echo “Hello from [your name]”**. Submit a screenshot of your running VM.

A picture containing text

Description automatically generated

**Question 2.** What is your current kernel version?

5.15.0-46-generic

**Question 3.** Submit a screenshot of at least ten of your system calls.

Text

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**Question 4.** Submit a screenshot of your system call code.

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**Question 5.** Submit a screenshot of your modified Makefile.

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**Question 6.** Submit a screenshot of your syscall\_64.tbl that includes your system call.

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**Question 7.** Submit a screenshot of your boot directory containing a new kernel config file, System.map, and vmlinuz file.

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**Question 8.** Submit a screenshot that verifies you are using your new kernel version.

Text

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**Question 9.** Submit a screenshot of your output from $dmesg containing the message from your system call.

Graphical user interface, text

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