Linux Kernel Module- Report

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AOS-Assignment-4

STEPS PERFORMED TO MAKE THE ASSIGNMENT:-

Ques 1: Compile, Install and test a Linux Kernel Module

Steps to be performed:

1. Compiling Kernel Module:

Command: make

2. Load Module into kernel:

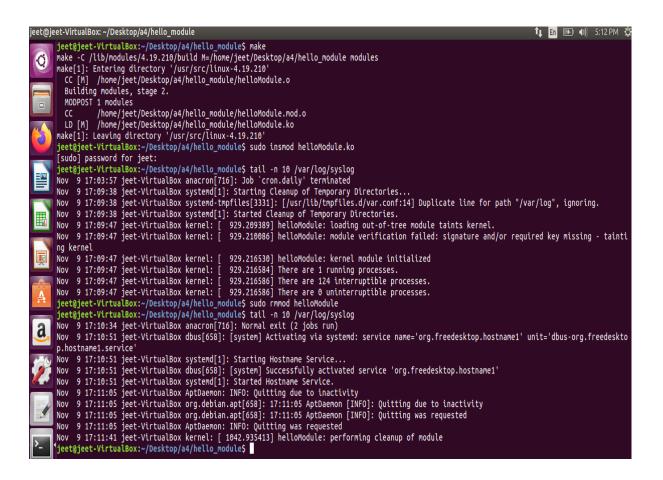
Command: sudo insmod helloModule.ko

3. Display the logs written to the kernel log file ie. the last 10 lines

Command: tail -n 10 /var/log/syslog

4. Unload the module and check the logs

Command: sudo rmmod helloModule.ko



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Ques 2: Count the number of running linux tasks

Steps to be performed:

1. Compiling Kernel Module:

Command: make

2. Load Module into kernel:

Command: sudo insmod helloModule.ko

3. Display the logs written to the kernel log file ie. the last 10 lines

Command: tail -n 10 /var/log/syslog

4. Unload the module and check the logs

Command: sudo rmmod helloModule.ko

