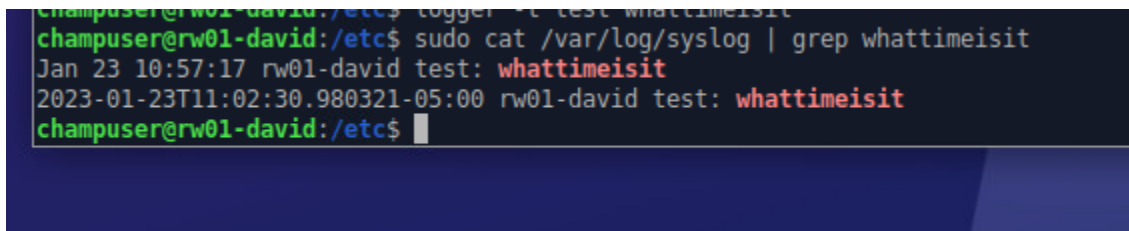
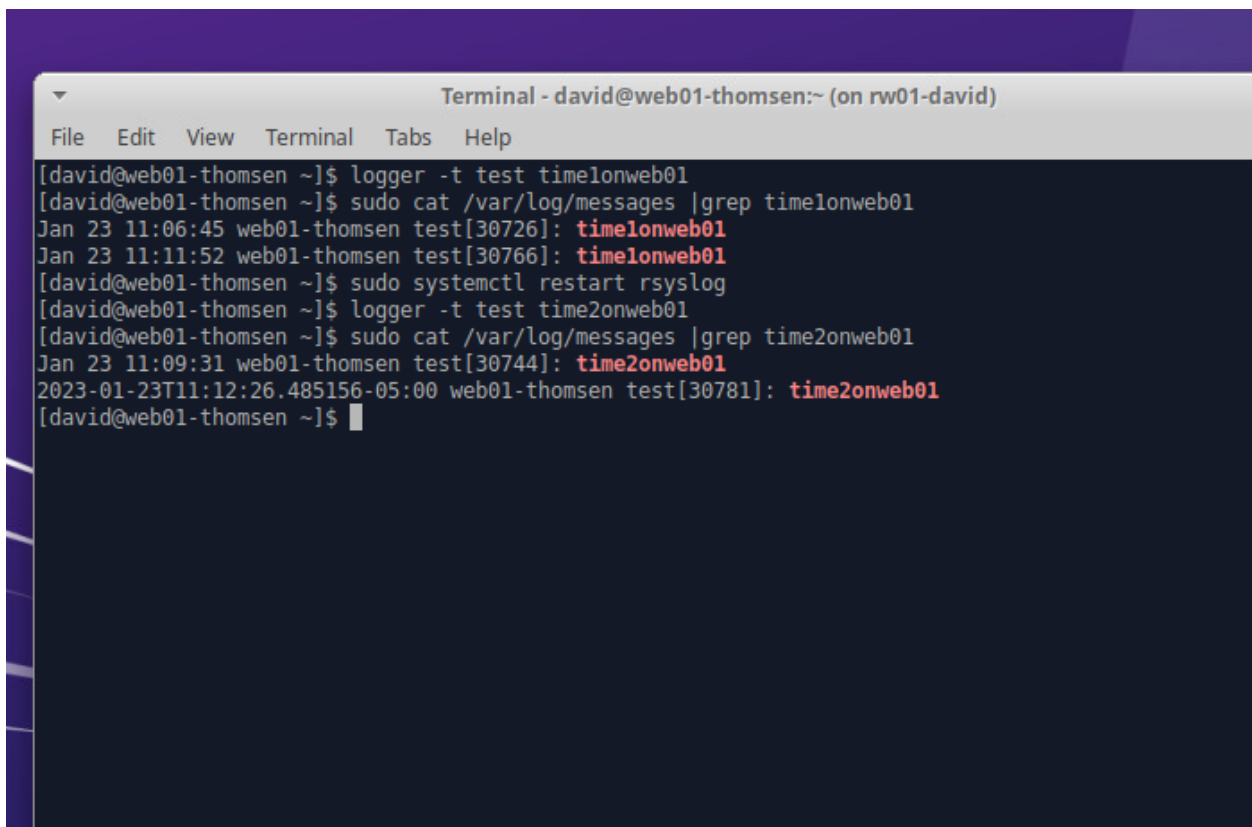


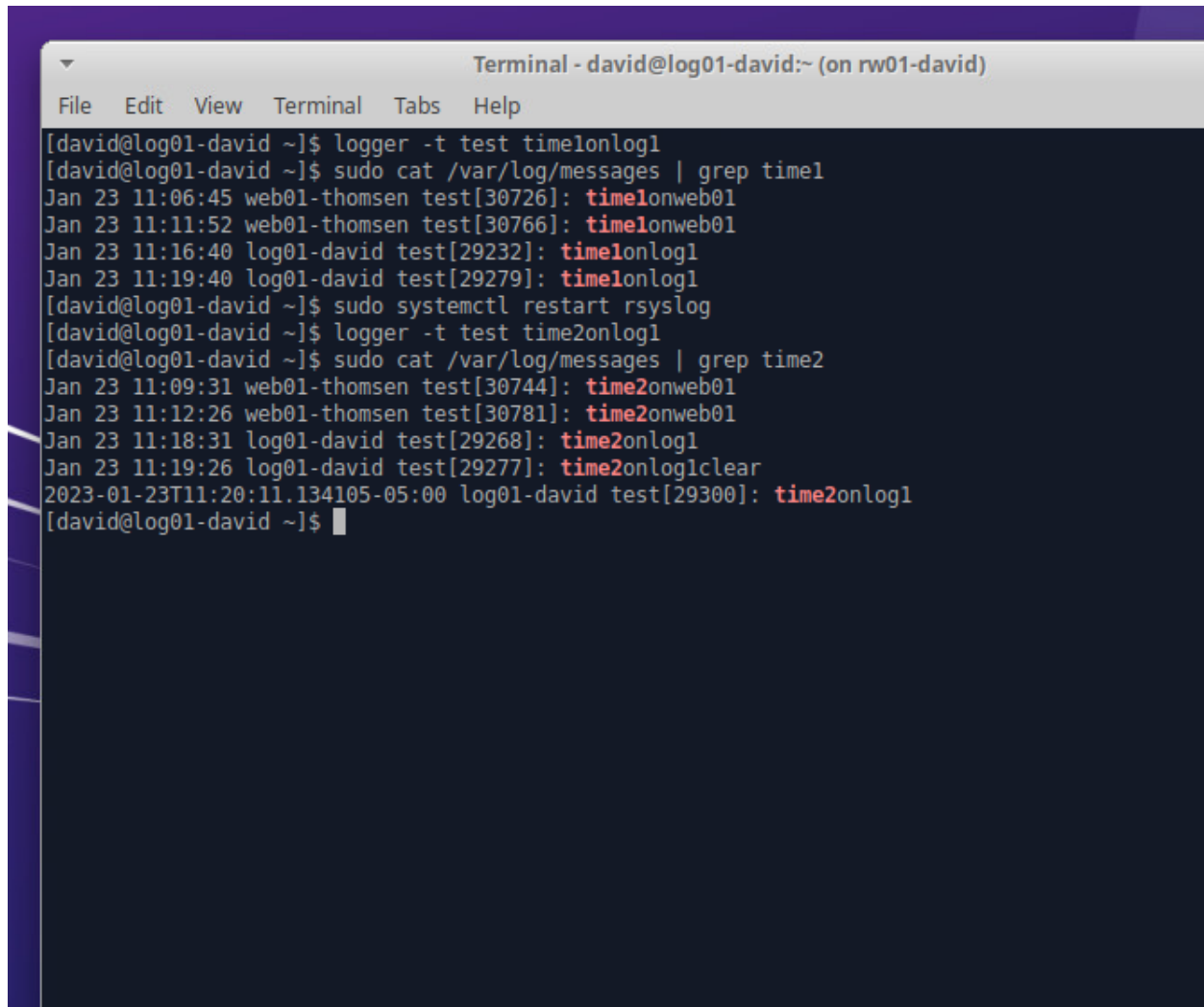
Deliverable 1. Provide a screenshot similar to the one below that shows increased fidelity as well as timezone/offset information on rw01.

A terminal window with a dark background. The prompt is 'champuser@rw01-david:/etc\$'. The user enters 'logger -t test whattimeisit'. The prompt changes to 'champuser@rw01-david:/etc\$'. The user enters 'sudo cat /var/log/syslog | grep whattimeisit'. The output shows two log entries: 'Jan 23 10:57:17 rw01-david test: whattimeisit' and '2023-01-23T11:02:30.980321-05:00 rw01-david test: whattimeisit'. The prompt returns to 'champuser@rw01-david:/etc\$'.

Deliverable 2. Provide a screenshot similar to the one below that shows increased fidelity as well as timezone/offset information for web01. The rsyslog.conf line to comment might look slightly different than rw01.

A terminal window titled 'Terminal - david@web01-thomsen:~ (on rw01-david)'. It has a menu bar with 'File', 'Edit', 'View', 'Terminal', 'Tabs', and 'Help'. The prompt is '[david@web01-thomsen ~]\$'. The user enters 'logger -t test timelonweb01'. The prompt changes to '[david@web01-thomsen ~]\$'. The user enters 'sudo cat /var/log/messages | grep timelonweb01'. The output shows two log entries: 'Jan 23 11:06:45 web01-thomsen test[30726]: timelonweb01' and 'Jan 23 11:11:52 web01-thomsen test[30766]: timelonweb01'. The prompt returns to '[david@web01-thomsen ~]\$'. The user enters 'sudo systemctl restart rsyslog'. The prompt changes to '[david@web01-thomsen ~]\$'. The user enters 'logger -t test time2onweb01'. The prompt changes to '[david@web01-thomsen ~]\$'. The user enters 'sudo cat /var/log/messages | grep time2onweb01'. The output shows two log entries: 'Jan 23 11:09:31 web01-thomsen test[30744]: time2onweb01' and '2023-01-23T11:12:26.485156-05:00 web01-thomsen test[30781]: time2onweb01'. The prompt returns to '[david@web01-thomsen ~]\$'.

Deliverable 3. Provide a screenshot similar to the one below that shows increased fidelity as well as timezone/offset information for log01.

A screenshot of a terminal window titled "Terminal - david@log01-david:~ (on rw01-david)". The terminal shows a series of commands and their outputs. The user runs "logger -t test time1onlog1", then "sudo cat /var/log/messages | grep time1", which shows three log entries from "web01-thomsen" and "log01-david" with timestamps and source identifiers. Then the user runs "sudo systemctl restart rsyslog", followed by "logger -t test time2onlog1", and "sudo cat /var/log/messages | grep time2", which shows three log entries from "web01-thomsen" and "log01-david". The final entry from "log01-david" includes a full ISO 8601 timestamp: "2023-01-23T11:20:11.134105-05:00".

```
[david@log01-david ~]$ logger -t test time1onlog1
[david@log01-david ~]$ sudo cat /var/log/messages | grep time1
Jan 23 11:06:45 web01-thomsen test[30726]: time1onweb01
Jan 23 11:11:52 web01-thomsen test[30766]: time1onweb01
Jan 23 11:16:40 log01-david test[29232]: time1onlog1
Jan 23 11:19:40 log01-david test[29279]: time1onlog1
[david@log01-david ~]$ sudo systemctl restart rsyslog
[david@log01-david ~]$ logger -t test time2onlog1
[david@log01-david ~]$ sudo cat /var/log/messages | grep time2
Jan 23 11:09:31 web01-thomsen test[30744]: time2onweb01
Jan 23 11:12:26 web01-thomsen test[30781]: time2onweb01
Jan 23 11:18:31 log01-david test[29268]: time2onlog1
Jan 23 11:19:26 log01-david test[29277]: time2onlog1clear
2023-01-23T11:20:11.134105-05:00 log01-david test[29300]: time2onlog1
[david@log01-david ~]$
```

Deliverable 4. Create a Tech Journal page on time settings for various operating system logs, you can start with ubuntu and rocky linux. How do you enhance the logs so that time stamp information is captured? Provide a link.

<https://github.com/dthomsen116/SEC-350/wiki/Lab-2.1-Standardizing-on-Time>