Exercise 11

Shell Scripting Example - `sudo nano /usr/local/bin/trigger.sh`

```
#!/bin/bash

/bin/date >> /tmp/udev.log
```

<- From reference at bottom

Note: > overwrites
       >> appends

Seth Kenlon, "An introduction to Udev: The Linux subsystem for managing device events". URL:
https://opensource.com/article/18/11/udev

Shell Scripting Example - Execute

`$ sudo ls -al /usr/local/bin`

`$ sudo chmod +x /usr/local/bin/trigger.sh`

<- From reference at bottom

`$ sudo ls -al /usr/local/bin`

`$ /usr/local/bin/trigger.sh`

`(in another window): $ sudo tail -f /tmp/udev.log`

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https://opensource.com/article/18/11/udev

Let's Try Out udev With Our Fake Device

- Switch to root: **$ sudo su -**

- **$ udevadm monitor**

- Insert the hello.ko module, see what happens

- Remove the hello.ko module, see what happens

- Make new file in **/etc/udev/rules.d**

  - E.g. **10-module.rules**

  - It should contain one line: **SUBSYSTEM=="mes", ACTION=="add", RUN+="/usr/local/bin/trigger.sh"**

  - What do we use for subsystem? [Stack Exchange](#)

- **$ udevadm control --reload**

- Insert and remove module while **tailing** log in **/tmp/udev.log**