**Activity 4: My First Shell Script**

* The first step is to navigate into the first\_shell\_script directory. To do this, run the following commands:
  + cd /03-student/day3/
  + cd first\_shell\_script
* Within this directory is a log file called LogA.txt.
* We will use nano to create a shell script called Log\_analysis.sh:
  + nano Log\_analysis.sh
* We will place the two commands used in the previous activities inside this file:
* sed s/INCORRECT\_PASSWORD/ACCESS\_DENIED/ LogA.txt > access\_denied.txt

awk '{print $4, $6}' access\_denied.txt > filtered\_logs.txt

* + Make sure that the first command references LogA.txt.
* Save the Nano file using Ctrl+X, then Ctrl+Y and keep the file name.
* Run the shell command with the following:
  + sh Log\_analysis.sh
* Confirm the results are correct by checking the new file called filtered\_logs.txt.
  + Within this file should only be the date and username.