Solution Guide: 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.