For these exercises, use a Docker container running the latest Ubuntu image (docker run --rm -it ubuntu 'bash')

1. Set the bash prompt to include the time and shell name.

2. Install HTTPD and configure it to listen on port 8081. How can you do these two steps in one bash line?

3. Change the default landing page and display something of your choosing.

4. Secure Apache by installing an SSL certificate.

5. Follow the HTTPD logs from the exercise above, but only print log lines from 4xx and 5xx status codes/responses.

6. Create a script that sends the status, PID and any lines containing error messages related to Apache service via email.

7. Write a script that uses sh (not bash) and that prints the size of each user's home directory.

8. Script a guessing game. The range of numbers is 0-10. If the user guess is outside this range, or under or above the number to-be-guessed, print a useful message (e.g., "your guess is higher than the number!"). Allow the user to make 3 guesses before exiting with status code 27. All STDOUT messages are to be printed with cowsay.

9. Create a script that shows the CPU, memory and disk usage every 30 minutes and writes the output to a file.

10. Commit the scripts in different branches in your git repository using git commit messages via the command line.