1. **List the available shells in your system.**
2. **List all of the environment variables in your current shell.**
3. **Display your current shell name.**
4. **List all of the environment variables for the Bash shell.**
5. **Edit your shell profile to display the date at login and change your prompt.**
6. **Redirect the output of the ls command to a file called file\_list.txt.**
7. **Use file globbing to list all .txt files in the current directory.**
8. **Redirect the output of the ls command to a file and append it.**
9. **Use a pipe to send the output of ls to the grep command to filter for files containing the word "report".**
10. **Use head to view the first 10 lines of a file, and tail to view the last 10 lines.**
11. **Use cut to extract the second column of a file called data.csv.**
12. **Search for all lines in a file called log.txt that contain the word "ERROR" using grep.**
13. **Create a shell variable called current\_user to store the output of the whoami command.**
14. **Use tr to convert a string of lowercase letters to uppercase.**
15. **Use a pipe to send the output of ps to grep to search for a specific process name.**
16. **Create a Bash alias named ls for the command ls -l.**
17. **Use sort to sort the output of ls -l by file size.**
18. **Use grep to count the number of lines that contain the word "success" in a file.**
19. **Redirect the output of the dmesg command to a file and view the first 20 lines using head.**
20. **Use cut to extract the first field from a CSV file and display it.**