

1. Create an automated batch script that cleans the system's temporary files and keeps a cleanup history log recording the date, time, and number of files deleted.

The script will

- Delete all files inside your system's **temporary folder (%temp%)**.
- Count how many files were deleted.
- Display a summary message.
- Save the cleanup history to **C:\Desktop\CleanupReport.txt**.

(Use *For /r* to loop through files)

2. Your task is to organize system log files using Command Prompt.

Start by navigating to your Documents folder and creating a new directory named SystemLogs with two subfolders: Logs and Backup. Inside SystemLogs, create three text files (log1.txt, log2.txt, and log3.txt) using Notepad, each containing sample system messages, errors, or warnings. Display the folder contents to confirm creation. Then, search all log files for lines containing the word "Error", save the results to error_report.txt, and move it to the Logs folder. Next, copy all .txt files into the Backup folder, rename log3.txt to final_log.txt, and show its contents on screen. Hide the Backup folder, verify it's hidden, then unhide it. Delete log1.txt, record the maintenance date and time into maintenance_log.txt, and finally list all files to confirm that everything is properly organized.

3. Create **GuessGame.bat**.

- Generates a random number from 1 to 10.
- Let the user guess until correct.
- Display the random number when guessed correctly
- Uses delayed expansion to display the number of attempts.

(Use *set /a target=%random% %% 10 + 1.* for setting random number range from 1-10)