

Practice on below problem statements. You can create arbitrary resources on your system if those folders or files not available on your system.

: List all files and directories in the current directory.: List files with detailed information (permissions, size, modification date).: List all hidden files in the /home/user directory.: List files in /var/log sorted by size, largest first.: List files in /home/user/downloads sorted by modification time.: Recursively list all files and directories under /home/user/projects.: Display file sizes in human-readable format in /home/user/music.: List only directories in /usr/local.: List all .txt files in /home/user/documents.: List files in /home/user/images starting with "photo".: Display inode numbers of files in /home/user/pictures.: Show file permissions in octal format in /etc.: List files with no group in /home/user.: Sort files by type in /home/user/work.: List files in /var/www with multiple options (detailed, hidden, sorted by time).: Copy notes.txt from /home/user/documents to /home/user/backup.: Copy file1.txt, file2.txt, and file3.txt to /home/user/archive.: Copy the entire projects directory to /home/user/backup.: Copy data.csv to /home/user/archive while preserving attributes.: Copy report.txt to /home/user/backup, creating a backup of any existing file.: Copy config.yaml to /etc/backup, prompting before overwriting.: Copy images/ directory to /home/user/pictures, showing the progress.: Copy symbolic links from /home/user/links to /home/user/archive.: Copy project/ directory to /home/user/backup using archive mode.: Copy files from /home/user/work to /home/user/backup, updating only newer files.: Copy all files from /home/user/documents to /home/user/archive excluding .log files.: Copy docs/ to backup/, preserving attributes and displaying the operation.: Copy all files larger than 500MB from /var/logs to /home/user/archive.: Copy and rename draft.txt to final.txt in /home/user/docs.: Recursively copy /home/user/projects to /backup, excluding the tmp folder.: Move notes.txt from /home/user/documents to /home/user/backup.: Rename old_report.txt to new_report.txt in /home/user/reports.: Move file1.txt, file2.txt, file3.txt to /home/user/archive.: Move data.csv to /home/user/archive, overwriting existing files.: Move the projects directory to /home/user/backup.: Rename old_photos to archive_photos in /home/user/pictures.: Move all .jpg files from /home/user/downloads to /home/user/images.: Move draft.txt to a new directory /home/user/work_archive.: Create a backup of database.db before moving it to /var/backups.: Move all files and directories from /home/user/temp to /home/user/final.: Move config.yaml to /etc/backup, prompting before overwriting.: Simulate moving important.docx to /home/user/trash and then move it back.: Move video.mp4 from drive C: to an external drive.: Move and rename file.txt to /home/user/docs/new_file.txt.: Move projects/ directory to /backup, showing each file being moved.: Display the last 10 lines of log.txt in /var/log.: Continuously monitor system.log for new entries.: Display the last 20 lines of messages.log in /var/log.: Monitor access.log and error.log in real-time.: Display the last 50 lines of output.log in /home/user/logs.: Show the last 10 lines of file1.txt, file2.txt, and file3.txt.: Display lines 50-100 of largefile.txt in /home/user/docs.: Use tail with the -s option to monitor logfile.log every 5 seconds.: Show the last 10 lines of script.log, displaying the filename.: Use tail to display the last 15 lines of data.log and pipe it to grep for "ERROR".: Tail the most recently modified file in /var/logs.: Display the last 100 lines of system.log with line numbers.: Monitor app.log and exit after detecting "completed".: Use tail to view the last 1000 lines of largefile.log.: Monitor debug.log and save the output to output.txt.: Open readme.txt in /home/user/docs using less.: Use less to search for the word "error" in system.log.: Open and navigate through largefile.log using less.: Open file1.txt and file2.txt with less and switch between them.: Use less to view a binary file in /bin/lis.: Open source_code.c with less, displaying line numbers.: Search for "critical" in logfile.log, moving backwards through the file.: Use less +F to follow changes in output.log.: Open a compressed file.tar.gz with less using the zless command.:

Open data.csv and jump to 75% of the file using less.: Mark a position in config.yaml and return to it later using less.: Use a custom prompt while viewing notes.txt with less.: Search case-insensitively for "ERROR" in server.log.: View the output of ls --color=auto using less -R.: Search for "warning" in logfile.log and save the lines to warnings.txt.: Use cat to display the content of readme.txt in /home/user/docs.: Concatenate file1.txt and file2.txt into combined.txt.: Use cat to display script.sh with line numbers.: Display notes.txt showing the end of each line.: Use cat with -v to display non-printable characters in file.txt.: Use