

1 - Komanda të thjeshta

1. What is the shell? Trying some simple commands (date, cal, df, free, exit).
2. Navigation (pwd, ls, cd). Relative and absolute filenames.
3. Exploring the system (ls, file, less). Long directory listing. Directory structure on Linux systems.
4. Manipulating files and directories (cp, mv, mkdir, rm, ln). Wildcards. Symbolic and hard links.
5. Working with commands (type, which, help, man, apropos, info, whatis, alias).
6. Keyboard tricks (clear, history, Ctrl+a, Ctrl+e, Ctrl+r).
7. Permissions (id, chmod, umask, su, sudo, chown, chgrp, passwd).
8. Processes (ps, top, jobs, bg, fg, kill, killall, shutdown).

2 - Kombinime komandash

1. Refreshing commands from the last session (ls, cd, cp, mv, ln, rm, less, etc.)
2. Redirection, stdin+stdout+stderr, /dev/null, pipelines, filters (cat, sort, uniq, grep, wc, head, tail, tee)
3. Seeing the world as the shell sees it. Expansions (pathname, tilde, arithmetic, brace, parameters).
Command substitution. Quoting (double quotes, single quotes, escaping characters).
4. Processes and signals (ps, top, jobs, bg, fg, kill, killall, shutdown).
5. The shell environment (printenv, set, export, alias, source). Startup files (~/.bashrc etc.).
6. Customizing the prompt (\$PS1)

3 - Komanda të përparuara

1. Editing Files (vi)
2. Regular Expressions (grep)
3. Searching For Files (locate, find, xargs, touch, stat)
4. Text Processing (cat, sort, uniq, cut, paste, join, tr, sed, comm, diff, patch, aspell)
5. Archiving And Backup (gzip, bzip2, tar, zip, rsync)
6. Storage Media (mount, umount, fsck, fdisk, mkfs, fdformat, dd, genisoimage/mkisofs, wodim/cdrecord, md5sum)
7. Networking (ping, traceroute, ip, netstat, wget, ssh, scp)
8. Package Management (dpkg, apt-get, apt, aptitude, rpm, yum)
9. Compiling Programs (gcc, make)

4 - Skripte Bash të thjeshta

1. Writing Your First Script
2. Outputting Text with `echo`. Variables and Constants. Here Documents.
3. Shell Functions. Local Variables.
4. Branching With `if`. Exist Status. `test`. String Expressions. Integer Expressions. Combining Expressions. Control Operators.
5. Reading Keyboard Input (read, IFS)
6. Looping With `while` (while, until, break, continue)
7. Branching With `case`
8. Positional Parameters
9. Looping With `for`

5 - Skripte Bash të përparuara

1. Parameter Expansion
2. Arithmetic Evaluation And Expansion
3. Arrays
4. Group Commands. Subshell. Process Substitution.
5. Traps. Asynchronous Execution.
6. Named Pipes.

