

Unix / Linux Commands:

1. Introduction to Unix/Linux.
2. Introduction to the Shell.
3. Internal and External Commands.
4. Unix Commands - ls, cat, cd, tac, tr, cut, more, grep, diff, find, wc, more,.....
5. Standard input, Output and Error.
6. Pipes and Filters.
7. Overview of process Handling.
8. Wildcard Expansion. (?, *, +, @, !)
9. File Permissions
10. ps command/Process.
11. Foreground and Background Processes.
12. Scheduler: crontab.
13. vi editor.
14. tar, find, sed and awk commands.

Shell Scripting:

1. Variables: PATH, PWD, OPWD, SHELL, RANDOM, REPLY, HOME, TMOUT...
2. Command Line arguments.
3. Conditional execution using && and ||.
4. exit statement.
5. if-else and select statement.
6. case statements.
7. for, while and until loops.
8. Functions.
9. Arrays.
10. File Manipulation
11. Basic System Administration.