

### Day - 1

- - What is OS and the need.
  - What is Linux, Linux Kernel and Shell
  - Linux Directory structure
  - Types of files in linux
  - Commonly used commands
- - File & Directory related commands (cp, mv, mkdir, rm etc)
  - Zipping/unzipping the directory
  - Get the CPU and Memory info of the system
  - Symbolic links
  - Mounting/Unmounting the partition
  - Connecting to the remote system
  - Sending a file over the network
- - Types of Shells
  - Bash Shell
  - Redirections & Pipes
  - Shell control structures & Operators
- - Various shell scripts to apply the scripting fundamental

### Day - 2

- - What is gcc?
  - Internals of gcc
  - How to use gcc
  - Creating libraries
  - Makefile
- - Using gcc to demonstrate the compilation stages
  - Writing a Makefile to build the
- - GIT and its workflow