



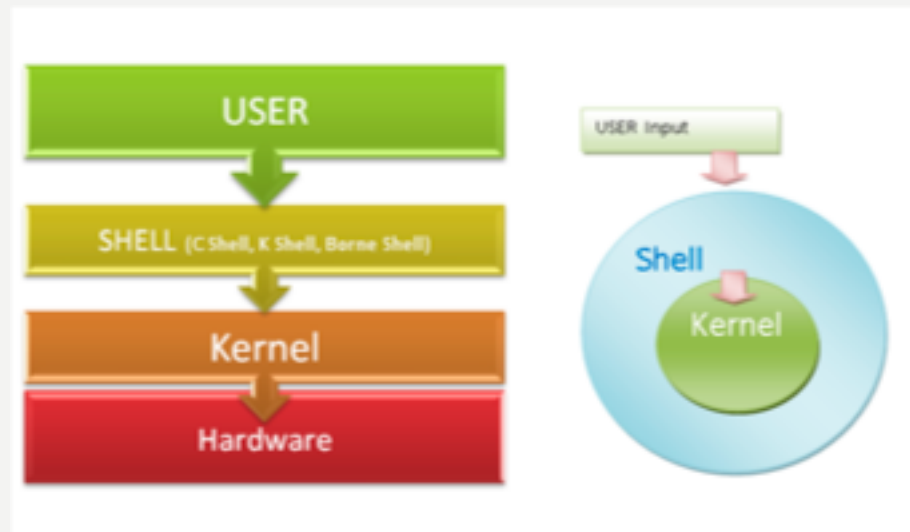
**DAY 2**

# TOPIC

- What is Linux Shell?
- Linux File Directory
- Some basic Shell Command

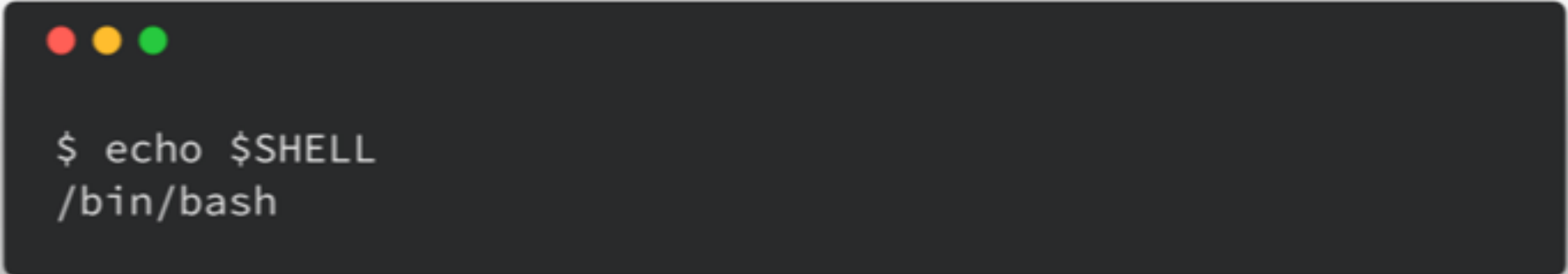
# THE SHELL

- A **shell** is a special-purpose program designed to read commands typed by a user and execute appropriate programs in response to those commands. Such a program is sometimes known as a **command interpreter** - definition from "Linux Programming Interface".



# BASH

- Bash(Bourne-Again shell) is the default shell for linux system.

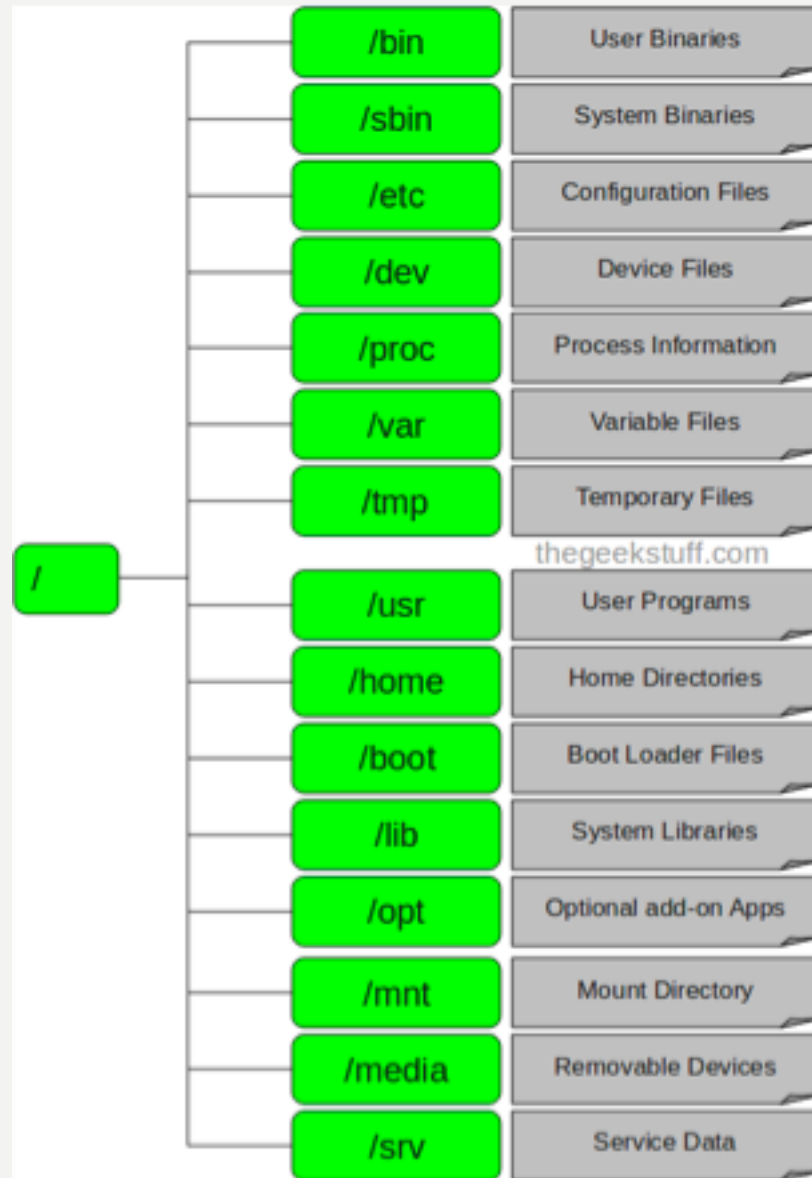
A dark-themed terminal window with three colored window control buttons (red, yellow, green) in the top-left corner. The terminal displays a command prompt '\$' followed by the command 'echo \$SHELL'. The output of the command, '/bin/bash', is shown on the line below the command.

```
$ echo $SHELL  
/bin/bash
```

# BASIC COMMAND

- **pwd** : print name of current/working directory
- **cd** : change directory
- **ls**: list directory contents
- **touch**: change file timestamps (create empty if file not exist)
- **rm**: remove files or directories
- **mkdir**: make directories
- **clear**: clear the terminal screen
- **history**: print terminal command history

# FILE DIRECTORY STRUCTURE



<https://www.thegeekstuff.com/2010/09/linux-file-system-structure/>