

# Assignment – 1

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## **Linux Commands –**

- ✓ ls: List directory contents.
  - ✓ cd: Change the current directory.
  - ✓ pwd: Print working directory.
  - ✓ mkdir: Make directories.
  - ✓ rm: Remove files or directories.
  - ✓ cp: Copy files or directories.
  - ✓ mv: Move or rename files or directories.
  - ✓ touch: Create an empty file.
  - ✓ cat: Concatenate and display files.
  - ✓ grep: Search for patterns in files.
  - ✓ head: Output the first part of files.
  - ✓ tail: Output the last part of files.
  - ✓ chmod: Change file permissions.
  - ✓ chown: Change file owner and group.
  - ✓ sudo: Execute a command as the superuser.
  - ✓ apt-get: Package manager for Debian-based systems (e.g., Ubuntu).
  - ✓ yum: Package manager for Red Hat-based systems (e.g., CentOS).
  - ✓ df: Display filesystem disk space usage.
  - ✓ du: Estimate file space usage.
  - ✓ tar: Manipulate archives.
  - ✓ ssh: Secure Shell - login to remote machines securely.
  - ✓ scp: Securely copy files between computers.
  - ✓ ping: Send ICMP ECHO\_REQUEST to network hosts.
  - ✓ ifconfig or ip: Configure network interfaces.
  - ✓ top or htop: Display system processes and resource usage.
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