### Basic Commands:

1. **ls**:
   * Lists files and directories in the current directory. ls
2. **ls -a**:
   * Lists all files and directories, including hidden ones (those starting with a dot). ls -a
3. **cd**:
   * Changes the current directory to the specified directory. cd /path/to/directory
   * Go up one directory level: cd ..
4. **pwd**:
   * Prints the current working directory. pwd
5. **mkdir**:
   * Creates a new directory. mkdir new\_directory
6. **rm**:
   * Removes a file or directory.
   * Remove a file: rm filename
   * Remove a directory and its contents: rm -r directory
7. **touch**:
   * Creates a new, empty file or updates the timestamp of an existing file. touch newfile.txt
8. **cat**:
   * Displays the contents of a file. cat filename.txt
9. **sudo**:
   * Runs a command with superuser (root) privileges. sudo command
10. **sudo -s**:
    * Opens a root shell, allowing you to run multiple commands as root.

sudo -s

1. **nano**:
   * Opens the Nano text editor to edit a file.

nano filename

### Useful Tips for nano:

* **Save File**: Ctrl + S or Ctrl + O (Write Out) and press Enter to confirm.
* **Exit Nano**: Ctrl + X (Exit).
* **Cut Text**: Ctrl + K.
* **Paste Text**: Ctrl + U.

### Additional Commands:

1. **cp**:
   * Copies files or directories. cp source destination
   * Copy a directory and its contents: cp -r sourcedir destinationdir
2. **mv**:
   * Moves or renames files and directories. mv oldname newname