🖍️ Linux Text Editor Assignment – `nano` Command

📘 Command Covered

`nano`

🎯 Objective

To learn and practice basic text editing operations in Linux using the `nano` text editor.

📝 Instructions

- Open the **Terminal**
- Perform each task using the `nano` editor
- Save your work properly
- Follow the submission guidelines at the end

🔷 Assignment Tasks

Q1. Create a new file using nano

Create a new file named `nano_practice.txt` using the `nano` command.

Hint:

```
nano nano_practice.txt
```

Q2. Write basic content in the file

Inside `nano_practice.txt`, write the following text:

```
Linux Nano Editor Practice
This file is created using nano.
Nano is a simple and user-friendly text editor.
```

Q3. Save and exit nano

Save the file and exit the editor.

Hint:

- Save → `CTRL + O` → Enter
- Exit → `CTRL + X`

Q4. Reopen the file and edit content

Reopen `nano_practice.txt` and add the following line at the end:

```
This line was added later using nano.
```

Q5. Search for a word

Inside the nano editor, search for the word **"nano"**.

Hint:

- Search → `CTRL + W`

Q6. Cut and paste a line

- Cut the last line
- Paste it at the top of the file

Hint:

- Cut line → `CTRL + K`
- Paste line → `CTRL + U`

Q7. Undo and redo

- Undo the last change
- Redo the change

Hint:

- Undo → `ALT + U`
- Redo → `ALT + E`

Q8. Enable line numbers

Open the file with line numbers enabled.

Hint:

```
nano -l nano_practice.txt
```

Q9. Replace a word

Replace the word **"simple"** with **"powerful"** in the file.

Hint:

- Replace → `CTRL + \`

Q10. Create another file using nano

Create a new file named `linux_commands.txt` and write any **5 Linux commands with their purpose**.

Example:

```
ls – List files and directories
pwd – Show current directory
```

📌 Submission Guidelines

- Take **screenshots of the nano editor output** for each task
- Upload the screenshots to your **Git repository**

💡 Important Nano Shortcuts (Quick Reference)

Action	Shortcut
Save	CTRL + O
Exit	CTRL + X
Search	CTRL + W
Replace	CTRL + \
Cut line	CTRL + K
Paste	CTRL + U
Undo	ALT + U
Redo	ALT + E