

Day1_Schedule_EN

Day 1 — Environment Setup and Basic Linux Commands

Date: 19.08.2025

Start time: 14:00

Total duration: 8h

Setting up Notion

- Create workspace **"Valerii R"**, create folders:
 - Study Days.
 - Projects.
 - Theory.
 - Create page **Day 1 — Environment Setup** from template.
 - Write daily goals, leave empty blocks for commands, screenshots, and notes.
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Installing Linux

- ISO: Ubuntu 22.04 LTS.
- Create user **leprecha**.

Resources: [Ubuntu Installation Guide](#).

Introduction to the Terminal

- Understand **kernel**, **shell**, **tty**, **root**, **sudo**.
- Try commands:

```
pwd
ls -la
cd /etc
mkdir demo
touch demo/file.txt
cp demo/file.txt demo/file.bak
mv demo/file.bak demo/file.old
rm demo/file.old
man ls
```

- In Notion: table **Command | Description | Example** (at least 15 commands).

Working with nano and the Filesystem

- Create `hello.txt` and edit in nano.
- Practice copying, renaming, and deleting files.
- Learn basic FHS structure (`/etc` , `/var` , `/usr` , `/home`).
- Add structure notes to Notion.

Practical Lab

- Task from plan: `lab1` with 3 files, copy, rename, delete.
- Additionally:
 - Create `scripts` directory in home folder.
 - Create script `welcome.sh` :

```
#!/bin/bash
echo Hello, $(whoami)! Today is $(date)
```

- Give execution rights and run.
- Add screenshots to Notion.

Daily Mini-project — “Command Notebook”

- In home folder create file `my_commands.txt` .
 - Write all learned commands with comments.
 - Copy file to Notion in “Completed Material” section.
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Day Summary

- Fill in: what learned, what was hard, what to repeat.
- Export page to PDF for archive.