Linux Assignments – Kate Sofia Petersen

Linux Assignments – Portfolio

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Datum: 2025-10-25

Part 1 – System and User Information

Objective

Display system and user information including kernel version, current user, and date/time.

Comment

These commands provide essential system and user identity information useful for system administration.

Commands

```
uname -a    → shows system information including kernel version
whoami      → shows the current user
date        → shows the current date and time
```

Screenshot

Screenshot Part 1

Logg / Historik

```
2025-10-20 12:00:01 uname -a
2025-10-20 12:00:05 whoami
2025-10-20 12:00:10 date
```

Part 2 – Commands with Flags and Arguments

Objective

Use commands with flags and arguments to customize output.

Comment

Flags and arguments modify command behavior and output. These examples demonstrate listing files with details and searching text ignoring case.

Commands

```
ls -l /home            → lists files with details in /home
grep -i "test" file.txt → searches for "test" in file.txt, ignoring case
```

Screenshot

Screenshot Part 2

Logg / Historik

```
2025-10-21 10:01:01 ls -l
2025-10-21 10:01:05 grep bashrc /etc/passwd
```