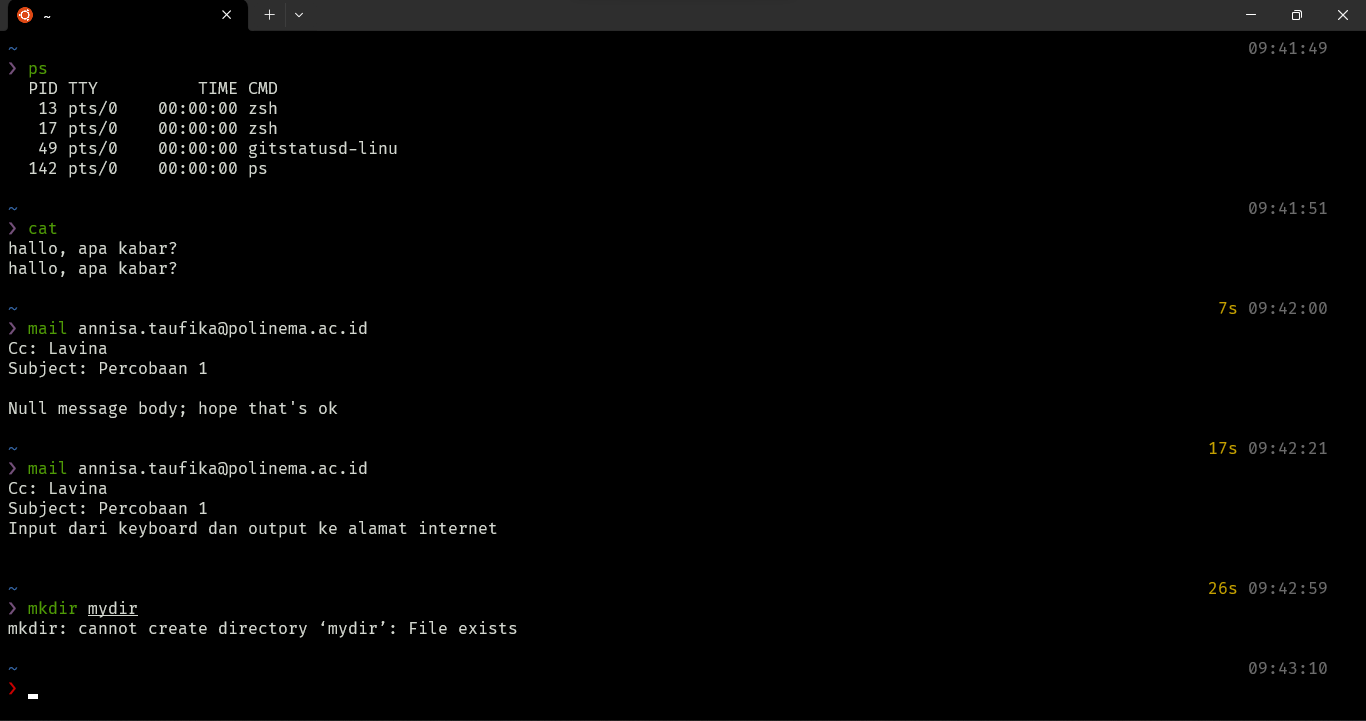
**SISTEM OPERASI**

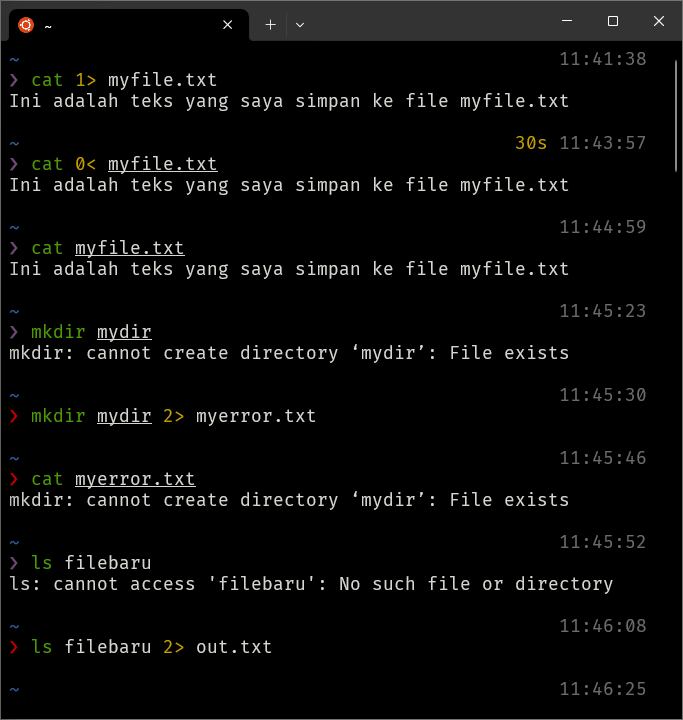
**Praktikum 3: Operasi Input Output**

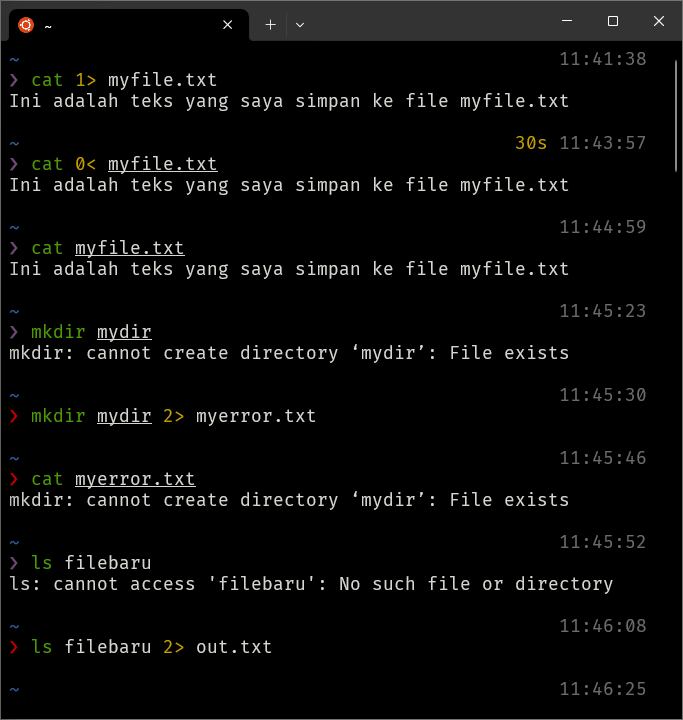
**Lavina 2341760062**

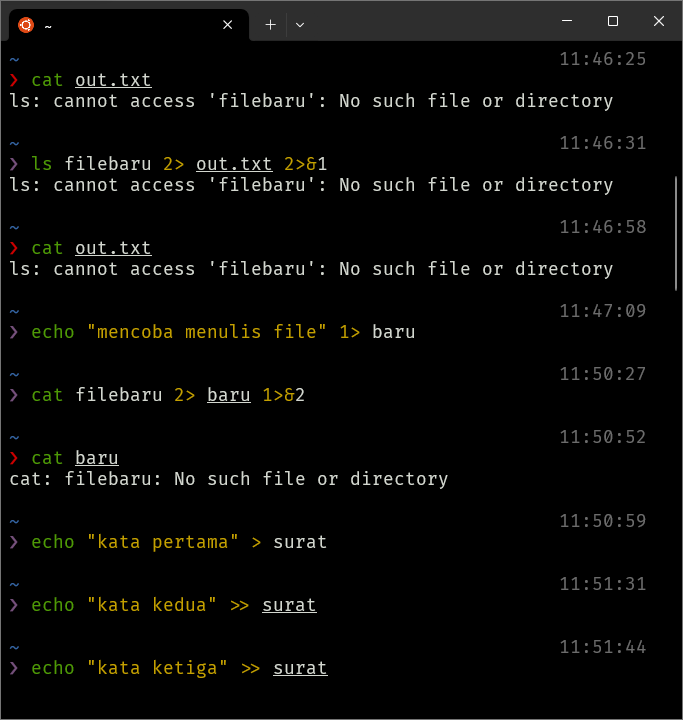
**Percobaan 1: File Descriptor**

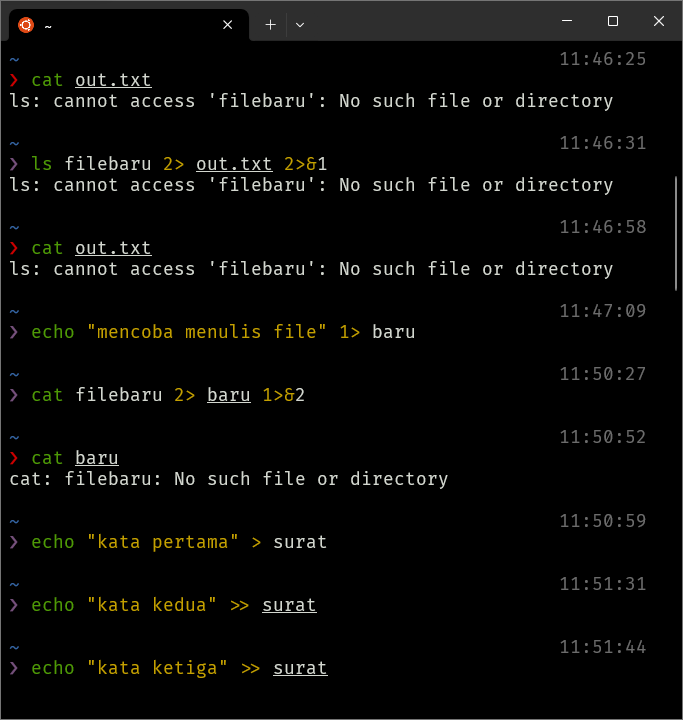
****

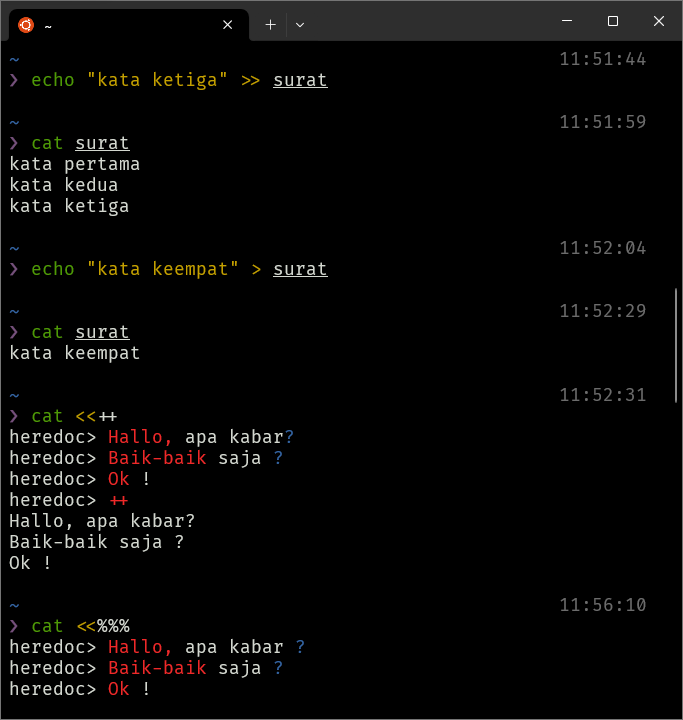
**Percobaan 2: Pembelokan (redirection)**

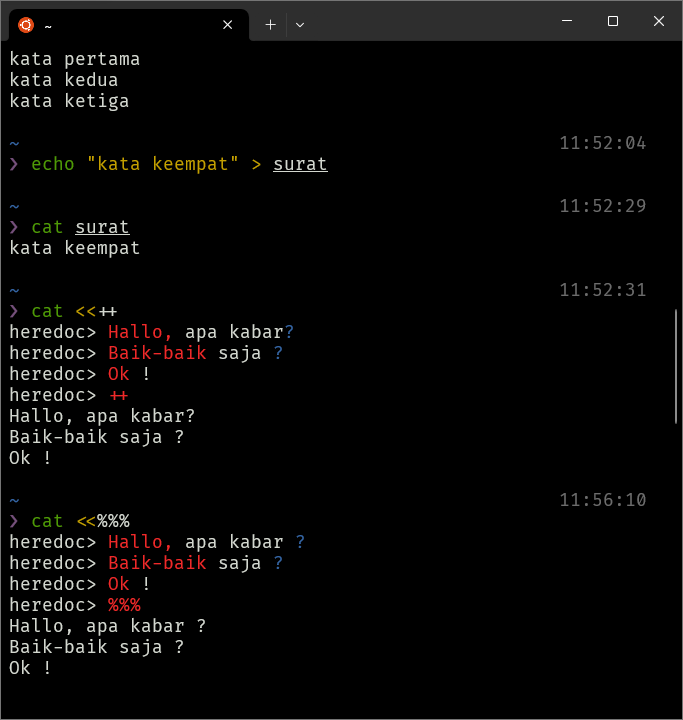
****

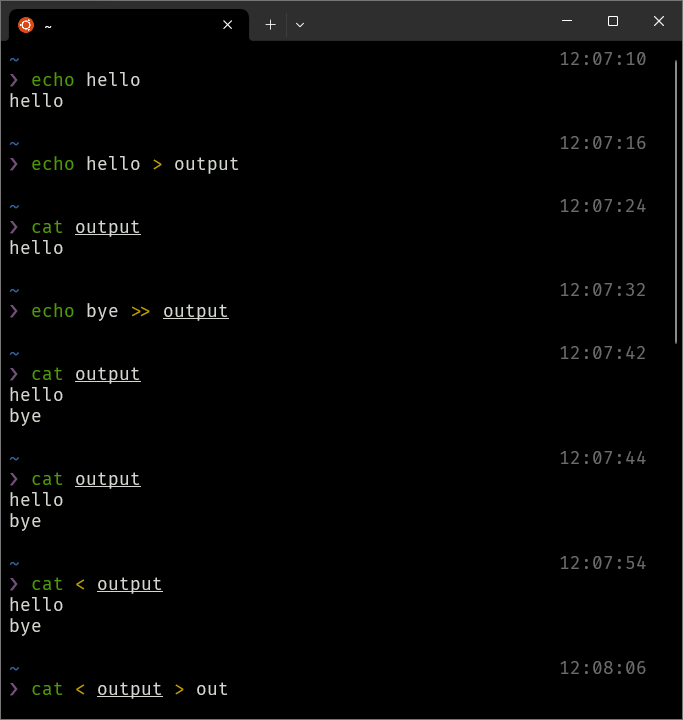
****

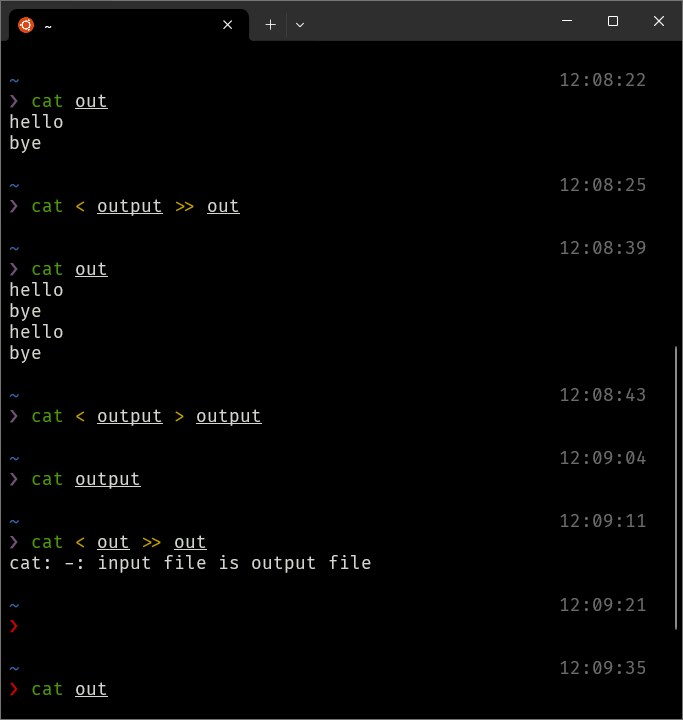
****

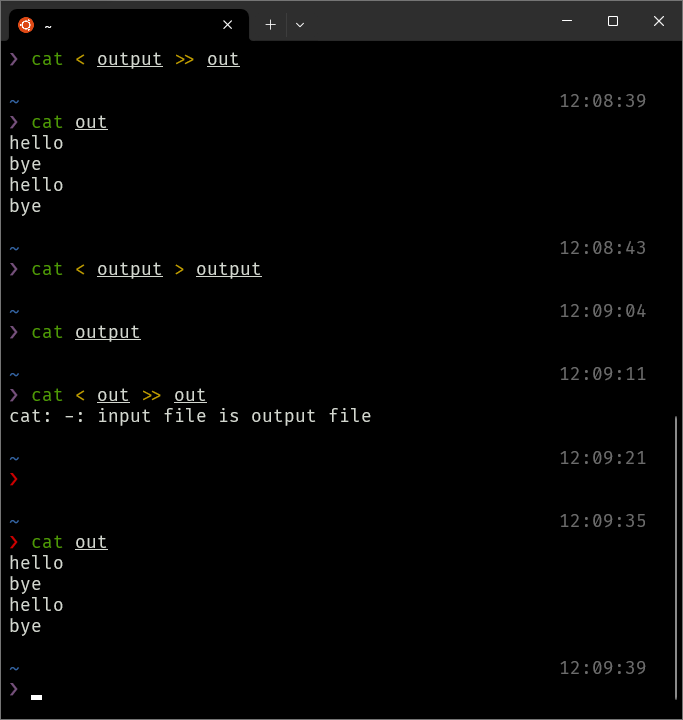
****

****

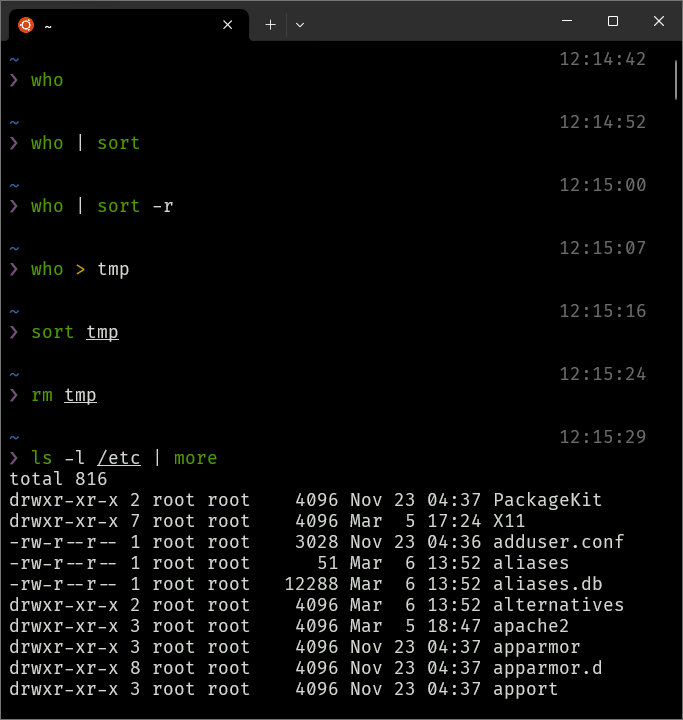
****

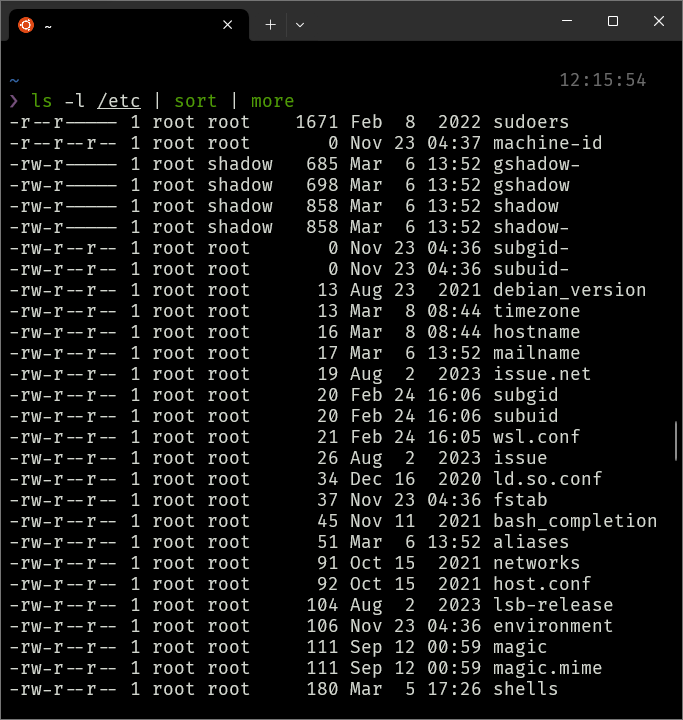
****

****

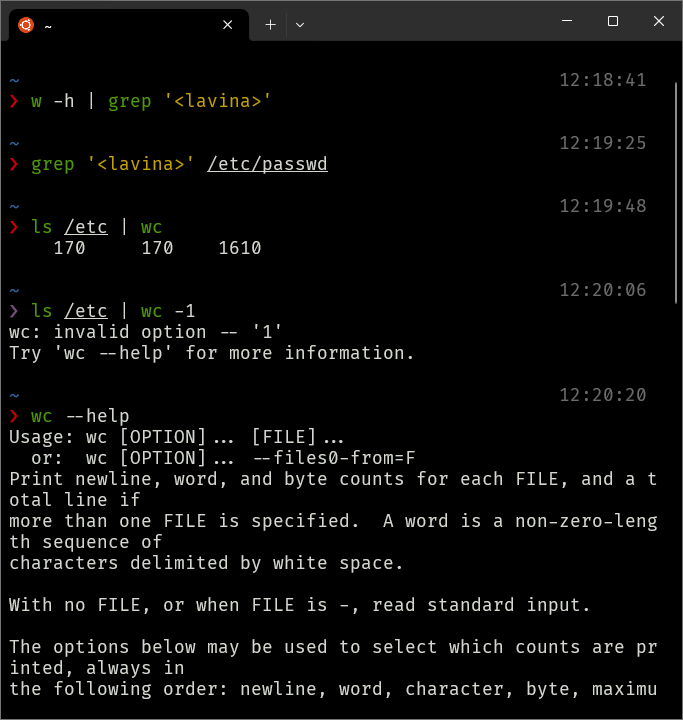
****

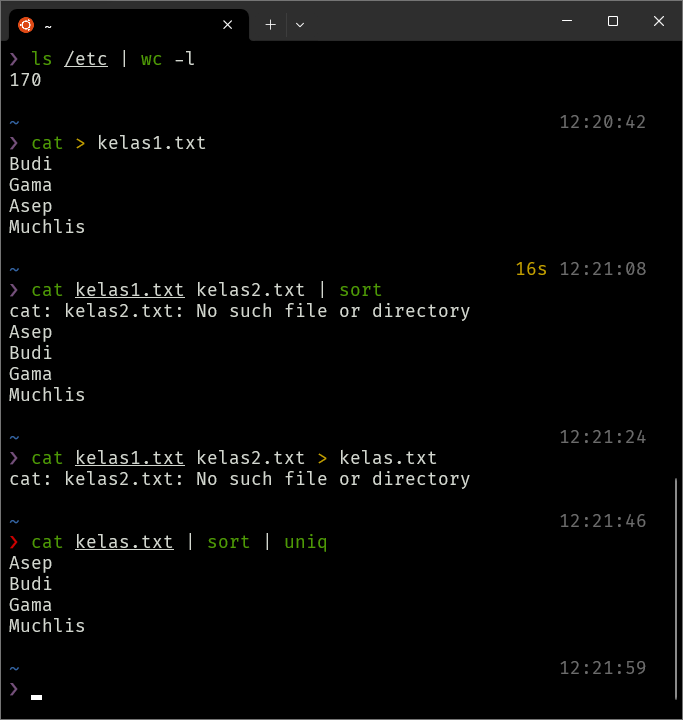
**Percobaan 3: Pipa (pipeline)**

****

****

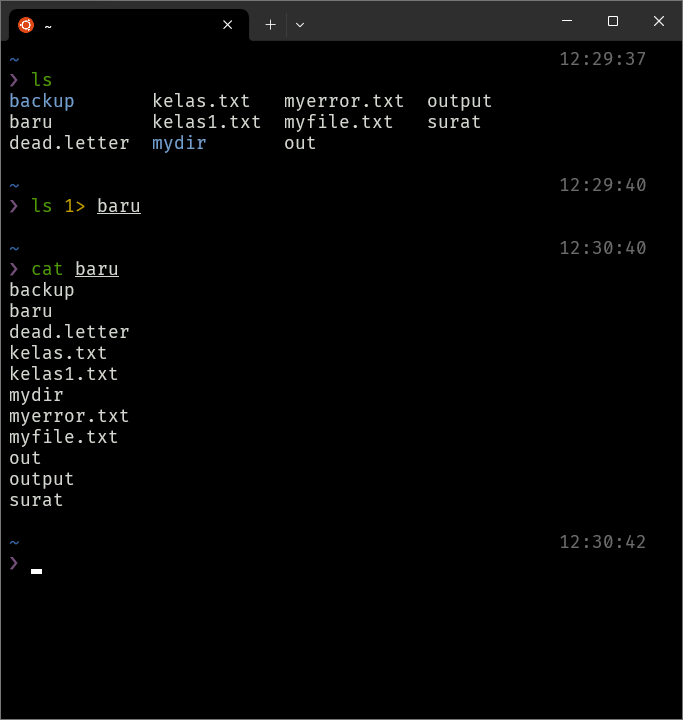
**Percobaan 4: Filter**

****

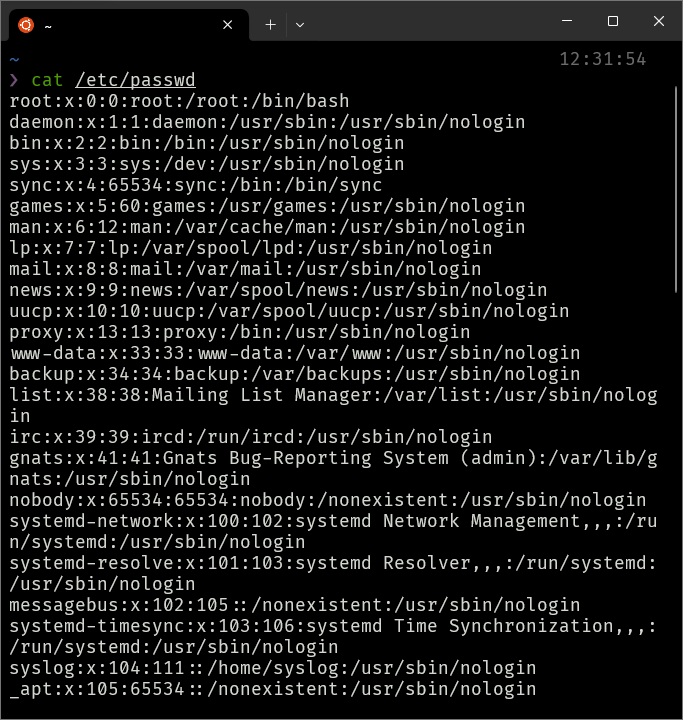
****

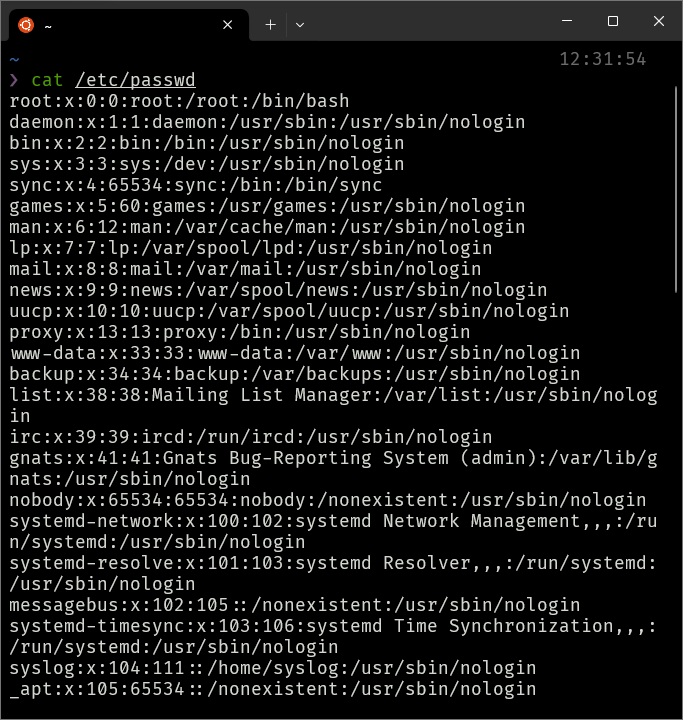
**LATIHAN:**

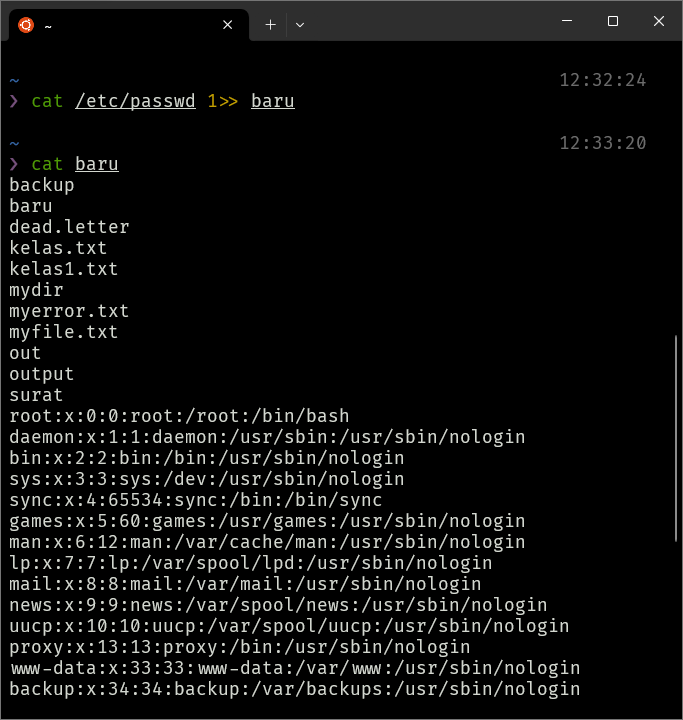
1. Lihat daftar secara lengkap pada direktori aktif, belokkan tampilan standard output ke file baru.



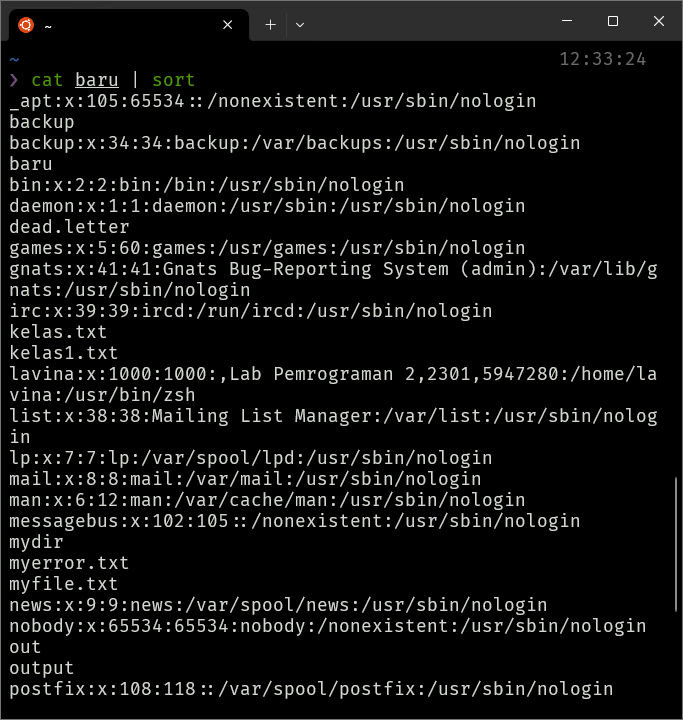
1. Lihat daftar secara lengkap pada direktori /etc/passwd, belokkan tampilan standard output ke file baru tanpa menghapus file baru sebelumnya.





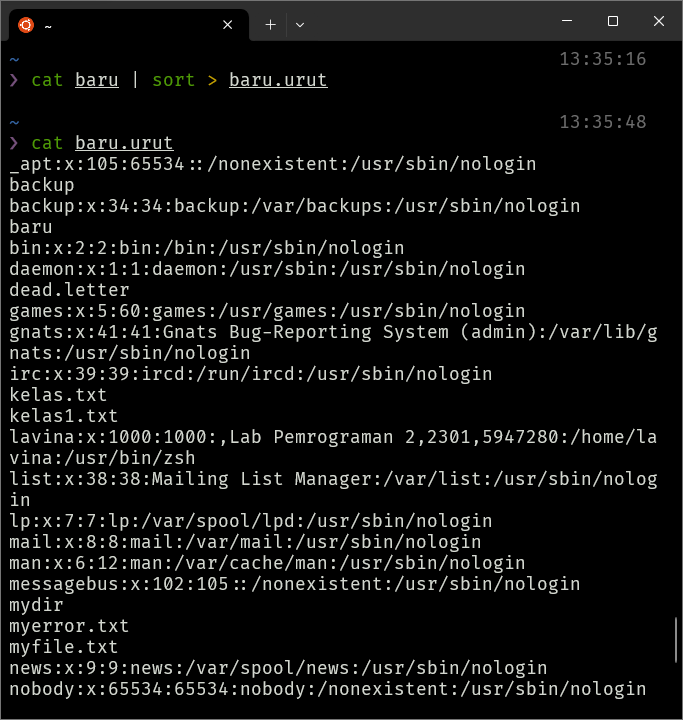


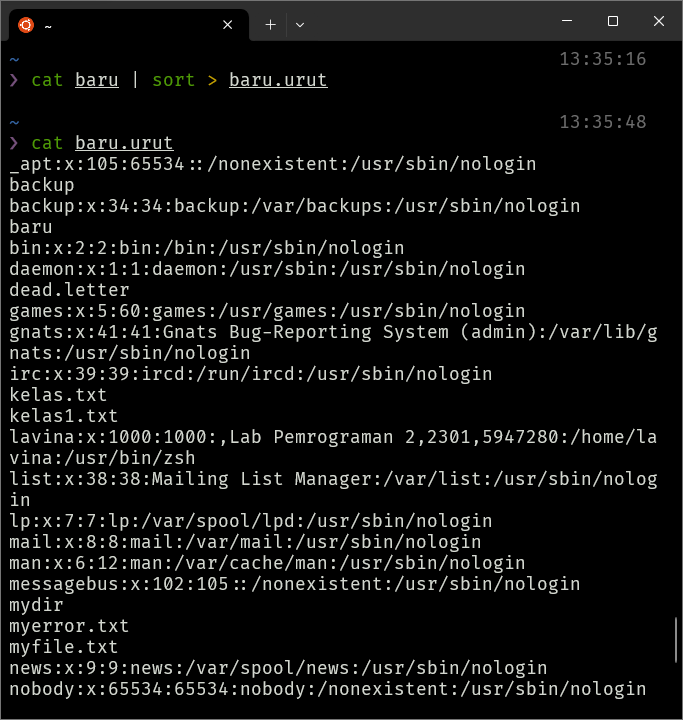
1. Urutkan file baru dengan cara membelokkan standard input.



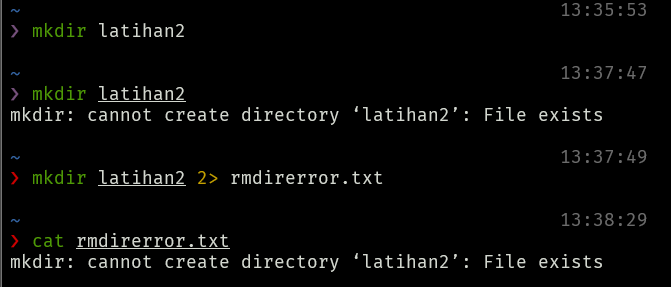
1. Urutkan file baru dengan cara membelokkan standard input dan standard output ke

file baru.urut.





1. Buatlah direktori latihan2 sebanyak 2 kali dan belokkan standard error ke file rmdirerror.txt.



1. Urutkan kalimat berikut :

Jakarta

Bandung

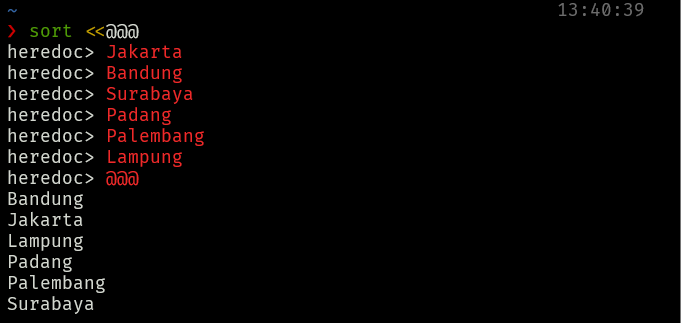
Surabaya

Padang

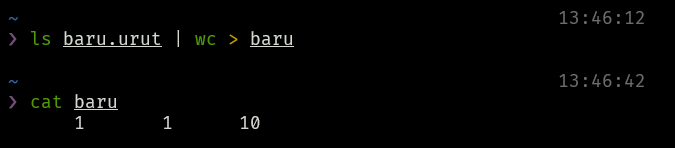
Palembang

Lampung

Dengan menggunakan notasi here document (<@@@ …@@@)



1. Hitung jumlah baris, kata dan karakter dari file baru.urut dengan menggunakan filter dan tambahkan data tersebut ke file baru.



1. Gunakan perintah di bawah ini dan perhatikan hasilnya.

$ cat > hello.txt

dog cat

cat duck

dog chicken

chicken duck

chicken cat

dog duck

[Ctrl-d]

$ cat hello.txt | sort | uniq

$ cat hello.txt | grep “dog” | grep –v “cat”

