1. Combine users.txt and emails.txt line by line and save the result to directory.txt.

**paste users.txt emails.txt > directory.txt**

2. Write a command to find and delete empty files in the current directory.

**find . -type f -empty -delete**

3. Display all lines in log.txt that do **not** contain the word "error".

**grep -v "error" /var/log/syslog**

4. Display the 3rd and 5th columns of a space-separated file info.txt.

**awk '{print $3,$5}' info.txt**

5. Create a file input.txt with integers from 1 to 20 and display only the odd numbers.

**seq 1 20 | awk '/[13579]$/' > number**

6. Extract the last field (colon-separated) from each line in /etc/passwd.

**cut -d: -f7 /etc/passwd**

7. List all directories (not files) in the current path.

**ls -d \*/**

8. Replace all occurrences of the word "Linux" with "UNIX" in a file os.txt and display the result.

**sed 's/linux/unix/g' os.txt**

9. Copy the first 5 lines of a file input.txt to a new file called first\_five.txt.

**grep -m 5 '' input.txt > first5.txt**

10. Display the number of files in the current directory (excluding subdirectories).

**ls -l | wc -l**