

- ❖ **Assignment 6:** Given a sample log file, write a script using `grep` to extract all lines containing "ERROR". Use `awk` to print the date, time, and error message of each extracted line. Data Processing with `sed`

```
mkdir log_processing
cd log_processing
nano sample.log
2024-05-27 12:34:56 ERROR: Something went wrong
2024-05-28 13:45:57 ERROR: Another error occurred
grep "ERROR" sample.log > errors.log
awk '{print $1, $2, $0}' errors.log
```

```
DESKTOP DOWNLOADS Rahul TestDir TestDir1 assignment1.txt class.txt errors.log rahul.txt
rahul@DESKTOP-TAR1F8I:~$ mkdir log_processing
rahul@DESKTOP-TAR1F8I:~$ cd log_processing
rahul@DESKTOP-TAR1F8I:~/log_processing$ nano sample.log
rahul@DESKTOP-TAR1F8I:~/log_processing$ grep "ERROR" sample.log > errors.log
rahul@DESKTOP-TAR1F8I:~/log_processing$ awk '{print $1, $2, $0}' errors.log
2024-05-27 12:34:56 2024-05-27 12:34:56 ERROR: Something went wrong
2024-05-28 13:45:57 2024-05-28 13:45:57 ERROR: Another error occurred
rahul@DESKTOP-TAR1F8I:~/log_processing$
```