

## 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.

Ans:

```
tushargoyl123@DESKTOP-NESEJCI: /mnt/c/Users/tusha/OneDrive/Desktop$ nano log.txt
tushargoyl123@DESKTOP-NESEJCI: /mnt/c/Users/tusha/OneDrive/Desktop$ nano getLogs.sh
tushargoyl123@DESKTOP-NESEJCI: /mnt/c/Users/tusha/OneDrive/Desktop$ chmod +x getLogs.sh
tushargoyl123@DESKTOP-NESEJCI: /mnt/c/Users/tusha/OneDrive/Desktop$ ./getLogs.sh log.txt
rahul raj rahul raj ERROR
deepanshu bhatt deepanshu bhatt ERROR
tushargoyl123@DESKTOP-NESEJCI: /mnt/c/Users/tusha/OneDrive/Desktop$ |
```

```
GNU nano 6.2 log.txt
tushar goyal CORRECT
rahul raj ERROR
deepanshu bhatt ERROR
```

```
GNU nano 6.2 getLogs.sh
if [ "$#" -ne 1 ]; then
    echo "Usage: $0 log_file"
    exit 1
fi

LOG_FILE=$1

if [ ! -f "$LOG_FILE" ]; then
    echo "Error: Log file '$LOG_FILE' not found"
    exit 1
fi

grep "ERROR" "$LOG_FILE" | awk '{print $1, $2, $0}'
```