

## Day 7:

**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

A)

```
#!/bin/bash
```

```
# Check if the correct number of arguments is provided
```

```
if [ "$#" -ne 1 ]; then
```

```
    echo "Usage: $0 logfile"
```

```
    exit 1
```

```
fi
```

```
# Extract lines containing "ERROR" using grep, then use awk to print date, time, and error message
```

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

**output:-**

```
2024-05-01 08:30:12 ERROR: Disk full
```

```
2024-05-02 10:15:42 ERROR: Connection timeout
```