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Topic – Shell Script Assignment : 06

Batch - DATACOM+5G Dev

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**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

**Solution :**

**Code :**

```
MINGW64:/c/Users/VIKAS SRIVASTAVA/OneDrive/Desktop/Assignment/ShellScript_Assignm

logfile="Assignment_6.txt"

if [ ! -f "$logfile" ]; then
    echo "Error: The log file '$logfile' does not exist."
    exit 1
fi

grep "ERROR" "$logfile" | \
awk '{print $1, $2, substr($0, index($0,$3))}' | \
sed 's/^\([0-9\-\]* [0-9:]*\) \(ERROR.*\)$/\1 - \2/'
```

**Output :**

```
VIKAS SRIVASTAVA@vikas MINGW64 ~/OneDrive/Desktop/Assignment/ShellScript_Assignments
$ sh Assignment_6.sh
2025-12-22 12:34:56 - ERROR Something went wrong with the process.
2025-12-22 12:36:58 - ERROR File not found during execution.
```