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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,$3))}' | \
sed 's/^([0-9\-\:]*) ([0-9\-\:]*) (\w*)$/\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.
```