

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:

Script:-

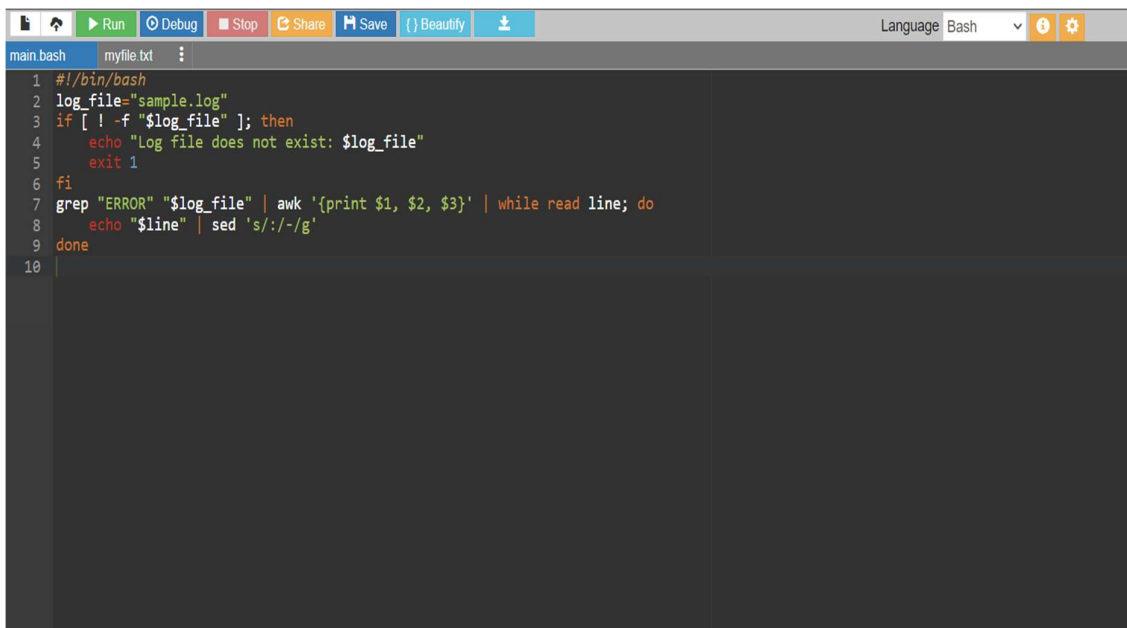
```
#!/bin/bash

log_file="sample.log"

if [ ! -f "$log_file" ]; then
    echo "Log file does not exist: $log_file"
    exit 1
fi

grep "ERROR" "$log_file" | awk '{print $1, $2, $3}' | while read line;
do
    echo "$line" | sed 's:/-/-/g'
done
```

snapshot:

A screenshot of a code editor window. The editor has a dark theme. At the top, there is a toolbar with icons for Run, Debug, Stop, Share, Save, Beautify, and a download icon. The language is set to 'Language Bash'. The editor shows a file named 'myfile.txt' with the following content:

```
1 #!/bin/bash
2 log_file="sample.log"
3 if [ ! -f "$log_file" ]; then
4     echo "Log file does not exist: $log_file"
5     exit 1
6 fi
7 grep "ERROR" "$log_file" | awk '{print $1, $2, $3}' | while read line; do
8     echo "$line" | sed 's:/-/-/g'
9 done
10
```

