

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.

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

```
LOG_FILE="sample.log"
```

```
if [ ! -f "$LOG_FILE" ]; then
```

```
    echo "Error: Log file '$LOG_FILE' does not exist."
```

```
    exit 1
```

```
fi
```

```
grep "ERROR" "$LOG_FILE" | awk '{
```

```
    date = $1;
```

```
    time = $2;
```

```
    message_start = index($0, $5);
```

```
    message = substr($0, message_start);
```

```
    print date, time, message;
```

```
}'
```