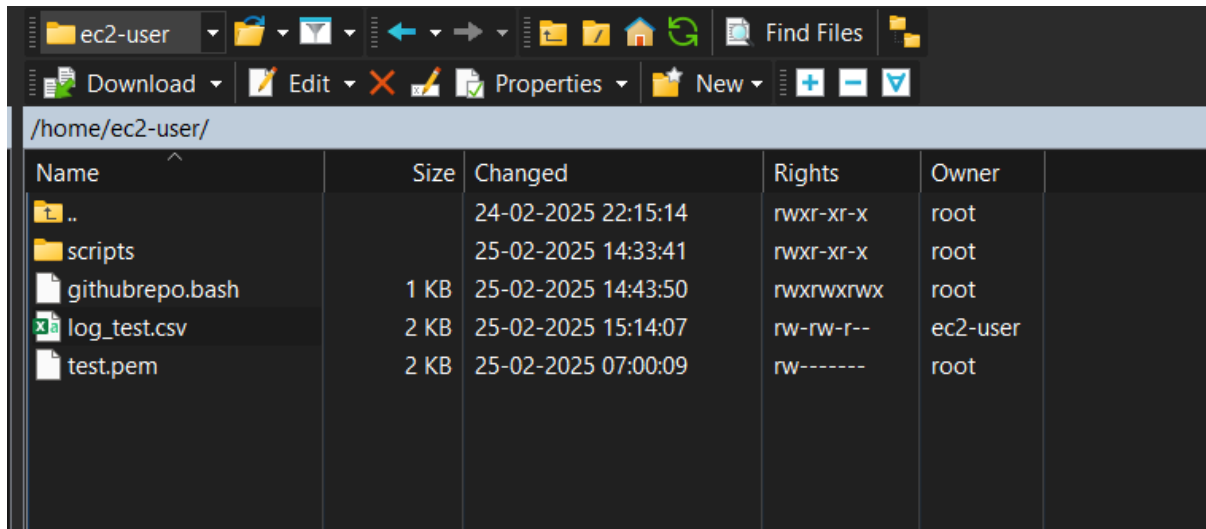


CHALLENGE – 03

1. Write a bash script to find the latency from the sample nginx log file.

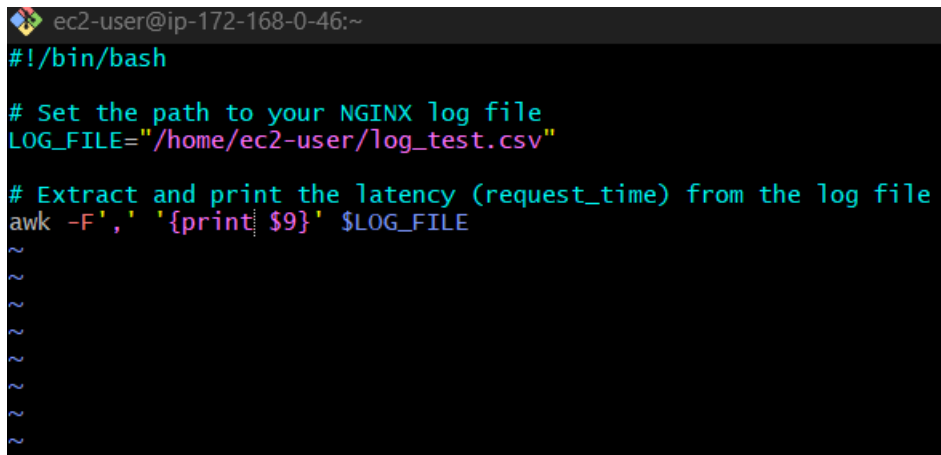
--Bash script should only print the latency.

--File (log_test.csv) copied from windows to linux



Name	Size	Changed	Rights	Owner
..		24-02-2025 22:15:14	rwxr-xr-x	root
scripts		25-02-2025 14:33:41	rwxr-xr-x	root
githubrepo.bash	1 KB	25-02-2025 14:43:50	rwxrwxrwx	root
log_test.csv	2 KB	25-02-2025 15:14:07	rw-rw-r--	ec2-user
test.pem	2 KB	25-02-2025 07:00:09	rw-----	root

--Script used to print the latency column



```
ec2-user@ip-172-168-0-46:~  
#!/bin/bash  
  
# Set the path to your NGINX log file  
LOG_FILE="/home/ec2-user/log_test.csv"  
  
# Extract and print the latency (request_time) from the log file  
awk -F',' '{print $9}' $LOG_FILE  
~  
~  
~  
~  
~  
~
```

--Output

```
[ec2-user@ip-172-168-0-46 ~]$ ./challenge.bash
like Gecko) Chrome/58.0.3029.110 Safari/537.36
like Gecko) Chrome/58.0.3029.110 Safari/537.36
like Gecko) Version/14.1.2 Safari/605.1.15
like Gecko) Chrome/91.0.4472.77 Safari/537.36
like Gecko) Edge/91.0.864.37
like Gecko) Chrome/58.0.3029.110 Safari/537.36
like Gecko) Version/14.1.2 Safari/605.1.15
like Gecko) Firefox/89.0
like Gecko) Chrome/91.0.4472.77 Safari/537.36
like Gecko) Edge/91.0.864.37
```

2. Bash Script to create repo in github:

--Script used to create the repo

```
[root@ip-172-168-0-46 ec2-user]# cat githubrepo.bash
#!/bin/bash

# Set your GitHub personal access token and GitHub username
GITHUB_TOKEN="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"
GITHUB_USER="rev01-coder"

# Define the repository name and description
REPO_NAME="new-revan-repo"
REPO_DESC="This is a new sample repository created for challenge"

# Set the API URL
API_URL="https://api.github.com/user/repos"

# Create the repository using GitHub's API
curl -X POST -H "Authorization: token $GITHUB_TOKEN" \
  -d '{"name": "$REPO_NAME", "description": "$REPO_DESC", "private": false}' \
  $API_URL

echo "Repository '$REPO_NAME' created successfully on GitHub."
[root@ip-172-168-0-46 ec2-user]#
```

--Output :new repository named “new narendar-20 repo” has been created in github

