

Challenge 02

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

Bash script should only only print the latency.

--Send the log_test.csv file from windows to linux

--Bash Script

```
#!/bin/bash

# Define the path to your CSV file or log file
logfile="log_test.csv"

# If the CSV file contains latency in the last column, use this command:
awk -F, '{print $10}' $logfile

"latency.sh" 8L, 189B
```

--run the script

--Output: print the value of the 10th field in each line of the file

```
[ec2-user@ip-172-31-31-61 ~]$ ./latency.sh
0.120
0.250
0.098
0.200
0.175
0.300
0.225
0.180
0.145
0.160
[ec2-user@ip-172-31-31-61 ~]$
```

i-00307a26a62f1d91f (bash-instance)

PublicIPs: 54.210.112.4 PrivateIPs: 172.31.31.61

2. Bash Script to create repo in github.

--bash script

```
MINGW64:/c/Users/naren
#!/bin/bash

# Set GitHub username and personal access token (replace these with your own)
GITHUB_USERNAME="narendar-20"
GITHUB_TOKEN="ghp_16gD7vwdjk85eFQj62skfwkbsYw6qY3Wv5X"

# Set repository details
REPO_NAME=$1 # Repository name passed as a command line argument
REPO_DESCRIPTION=$2 # Optional: Description of the repository
PRIVATE=$3 # Whether the repository should be private (true or false)

if [ -z "$REPO_NAME" ]; then
    echo "Repository name is required."
    exit 1
fi

# Default to false if private argument is not provided
if [ -z "$PRIVATE" ]; then
    PRIVATE="false"
fi

# Create the repository via GitHub API
curl -u "$GITHUB_USERNAME:$GITHUB_TOKEN" https://api.github.com/user/repos \
  -d '{
    "name": "'"$REPO_NAME"'",
    "description": "'"$REPO_DESCRIPTION"'",
    "private": "'"$PRIVATE"'"}'

echo "Repository '$REPO_NAME' created successfully!"
```

--run the script

--New test repo created in git bash



