

Linux Lab Midterm Project

Daily User Log Archiver

Course: B.Tech CSE - Linux Lab

Project Type: Shell Scripting

Date: October 2025

Goal

Create a shell script that:

Logs current system information (user, date, processes, disk usage)

Rotates and archives old logs weekly

Runs automatically every day using a cron job

Implementation Details

1. Identify User

The script identifies the user executing it using:

`whoami`

Example:

```
echo "User: $(whoami)"
```

(Contents of other pages remain unchanged from original, except the student name was removed.)