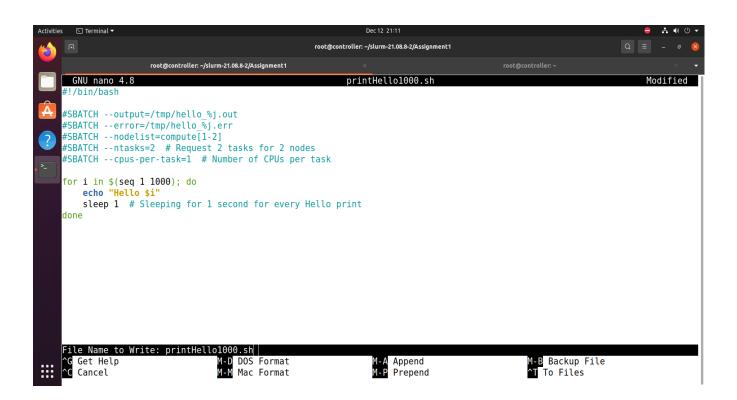
Assignment No 3

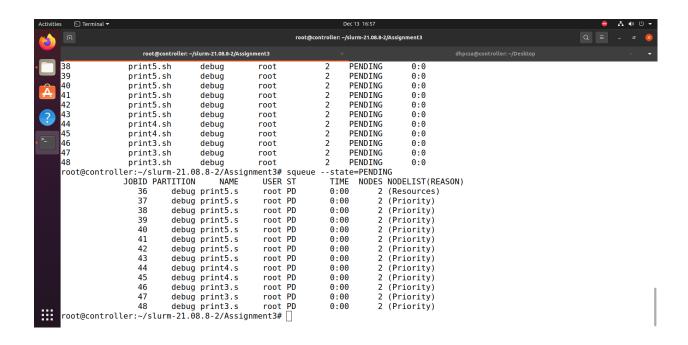
Name – Suraj Kumar PRN - 240840127041

- 1. You have multiple jobs in the queue, and you want to list only the jobs that are currently pending (not running). How can you do this?
- 2. You want to monitor the resource usage (e.g., CPU, memory) of a running job. What command can you use to monitor job resource usage in real-time?
- 3. After a job finishes, you want to check its exit code to know whether it ran successfully. How do you check the exit code of a completed job?

1. List Only Pending Jobs in the Queue

Command: squeue --state=PD

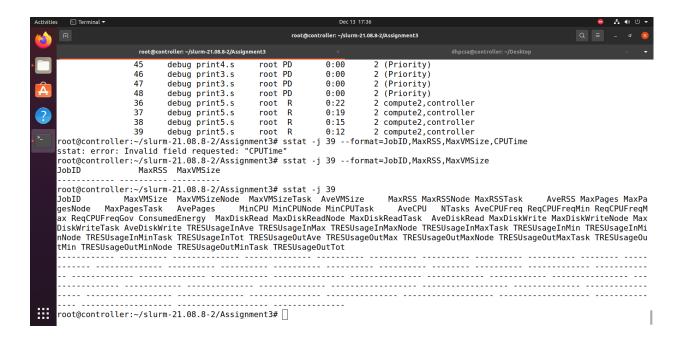


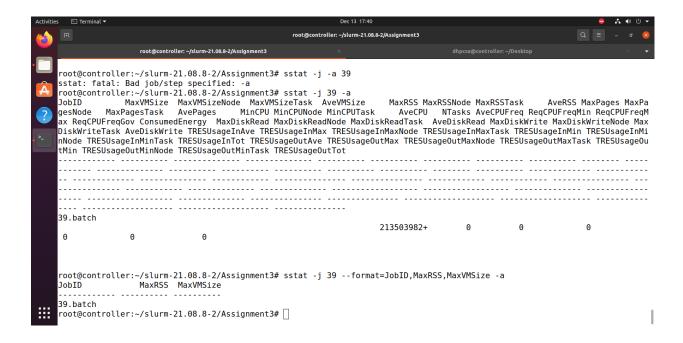


2. Monitor Resource Usage of a Running Job in Real-Time

Command: sstat -j <job_id> format=JobID, MaxRSS, MaxCPU, State







3. Check the Exit Code of a Completed Job

Command: sacct -j <job_id> --format=JobID,State,ExitCode

