LAB RECORD

Summer Internship-2025

TOPIC: Learning Bash Script Basics

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26th May 2025-21st July 2025

CONTENTS

Monday–26ᵗʰ May 2025

a. Setting up a GitHub account

Created a GitHub account to maintain a Lab record throughout the internship period. Created a repository [GayathriSP24/Summer-Internship-2025: Summer Internship-2025 May 26- July 21](#) to enter daily records.

b. Setting up the Linux Platform

Tried setting up MobaXterm, which seemed to have trouble functioning on the PC. Later, with a friend's help, I was able to set up WSL and Ubuntu, saving the day. Did ran some random commands to see if it is working. So, at the end of the day, I have learnt that WSL is already in our Windows 10 and 11 PC, but by turning it on and installing Ubuntu you can run a Linux terminal on a Windows PC.

Tuesday–27ᵗʰ May 2025

a. Working on PPT

After reaching the lab at 9:30, I started working on the presentation for the chapter Bash basics, while trying out every command I came across. Since I needed to brush up on the first 2 chapters before moving to the 3ʳᵈ Chapter, I decided to revise while making the PPT. Got to know a lot regarding the format of each command to run on a terminal, which I started to record in a Word document. Also, after talking with a friend in the lab, I have decided to try working in VS Code and Notepad to take down. At the end of the day, I have completed the presentation.

b. Updating the Repository

After uploading yesterday's lab record in a Word document last night, it was today that I realised that you can't update the Word document on the platform. So, I converted it to a PDF and uploaded it.

Wednesday–28ᵗʰ May 2025

a. Working on PPT

After reaching the lab at 9:30, I started working on the presentation for the chapter Command-line editing, the second chapter of the book, while brushing up on the topics. I was able to complete up to 2.4. I learnt that my default is vi mode and how to shift to emacs editing mode. I am currently working on the command keys of Emacs one by one while making the presentation.

b. <u>Setting up and working on VS Code</u>

I have installed VS Code in between and shifted to its terminal while using Notepad to copy commands. While working on VS code, I realised that although better to save the commands, VS code at times intercepts certain control keys, like Ctrl+E, etc.