

## **Fourth day internship at surfboard payments**

I was learned several new concepts and skills. On this day, we recalled the topics from our last discussion regarding problem-solving techniques, and solving puzzles once again. I was learned about the boolean and proposition. I now understand that propositions are statements that can be either true or false and Boolean logic involves operations like AND, OR, and NOT. These concepts are used in programming to make decisions and control the flow of a program.

I also learned about the Command Line Interface (CLI) and how it is used to interact with the operating system through text-based commands. I practiced using basic CLI commands for navigating directories, managing files, and executing programs. I now understand that CLI is often preferred because it is faster, consumes fewer system resources, and allows automation through scripting. The Command Line Interface (CLI). A command in CLI refers to a set of instructions given to the machine to perform specific tasks. "Line" represents the text-based input format, and "Interface" refers to the program that connects the user with the system, enabling communication.

I learned about different input devices and communication mediums such as mic, mouse etc. By gaining more knowledge about these devices and their function helps in designing better user interfaces and improving system interactions. I have learnt to create, edit and save the files in the command line. When creating a file, we use the file manager, click the "Add" or "New" button, and open it in a text editor like Notepad. This is the usual method for file creation. However, I had never used the command prompt for this purpose before. Through this task, I learned how to create a file, edit it, and save it using specific commands.

I also explored version control using GitHub. I learned how to create a local repository with `git init`, connect it to a remote GitHub repository using `git remote add origin`, and push files using `git add .`, `git commit -m "message"`, and `git push origin main`. This gave me a better understanding of how developers collaborate and manage code efficiently. Git is a version control system that tracks changes and maintains modifications in computer files, helping developers manage their

code efficiently. Meanwhile, GitHub is a cloud-based platform that allows developers to create, store, manage, and share their code repositories. It uses Git for distributed version control while also providing additional features like access control, bug tracking, and collaboration tools and learned how to download and install Git Bash and create a GitHub account.

By using the Git hub ,i learnt to access the git bash and how to push the files using git bash into the git hub and also used Git CMD to create the repository and push the files into Git hub and there is many issues in the SSH Keys.I also configured Git with my username and email using `git config --global user.name "Your Name"` and `git config --global user. email "your@email.com"`.

On my fourth day of the internship at Surfboard Payments, I learned several new concepts and skills. We revisited problem-solving techniques and explored Boolean logic and propositions, which are essential for decision-making in programming. I also gained hands-on experience with the Command Line Interface (CLI), learning basic commands for file management and system navigation. Additionally, I explored version control with Git and GitHub, understanding how to create repositories, push files, and configure Git. Despite facing issues with SSH keys, I successfully set up Git and learned the basics of collaboration and code management.