For deployment we have used putty in which

* 1st step is for Accessing the Remote Server where we need to provide our the server's IP address
* Then we have to do Authentication by our login credentials
* Then we have created directory like backend , front end logs and then navigated to the directories and install and updated the necessary s/w
* Before deployment we have taken backup of our project so that we can perform rollback incase of issues
* Then we executed the commands for deployment and monitor the process like we clone our projects from gitlab, command executed for creating jar files, installing the necessary dependency in frontend, etc
* After this we have tested the application in browser
* Then we monitor our log to detect any anomalies or performance issues in post-deployment.
* After completing it we have drafted the document for our project.

Challenges: -

1. Laptop got hanged many times so we raise the pronto ticket to it team and they resolve it
2. Adaptation to New Technologies, as many people previously worked in different technology earlier but now we got a chance to learn new technologies
3. Time management as in the mean time we all are having training and assessment so we need to balance between them.
4. We need to maintain and fulfill commitment for the task which was assigned to ensure smooth development of projects
5. We need to manage changes in our project as many developer where working simultaneously with different feature then conflicts can occur so we manages those changes too