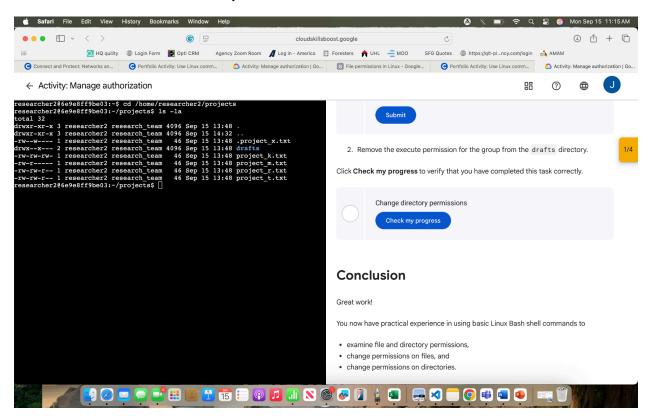
File permissions in Linux

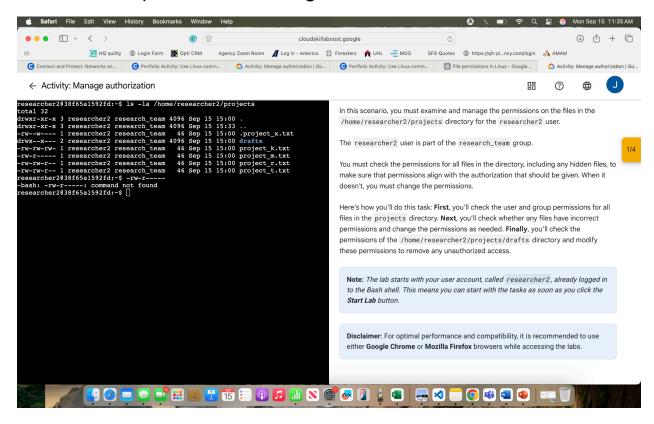
Project description

In this project, I examined and managed file and directory permissions in Linux for the /home/researcher2/projects directory. The goal was to ensure that only authorized users and groups had the correct level of access, while removing any unauthorized permissions. I used commands such as 1s-1a to review permissions and chmod to modify them, aligning the system with the principle of least privilege.

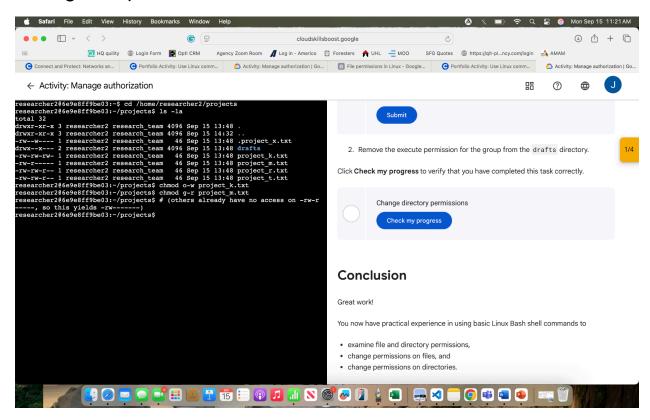
Check file and directory details



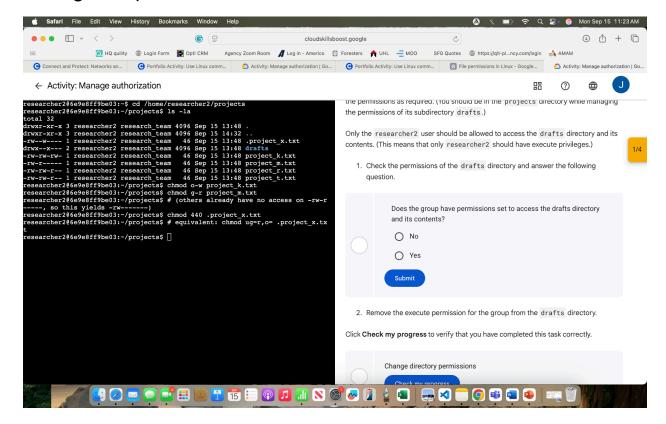
Describe the permissions string



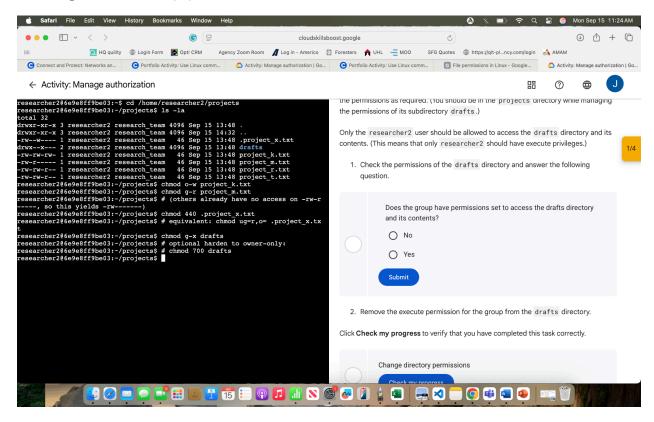
Change file permissions



Change file permissions on a hidden file



Change directory permissions



Summary

Through this project, I verified existing file and directory permissions, corrected unsafe settings, and secured hidden and restricted files. I removed write access for unauthorized users, locked down sensitive files so only the owner could access them, and limited directory access to the appropriate user. These actions demonstrated the ability to apply Linux permission management techniques to improve system security and protect against unauthorized access.