File permissions in Linux

Project description

List all file permissions in the guided directory and change permissions to fit project guidelines.

Check file and directory details

`Ls -la`, ls prints files, ls here prints all files including hidden ones based on the -a flag and prints their permissions based on the -l flag which is present.

Describe the permissions string

The permissions of project m are such that the user can read and write the file, the group can read the file, and other users can do nothing with the file.

Change file permissions

Since others can never have write access project k needs its permissions changed with `chmod o-w project_k.txt`

Change file permissions on a hidden file

`chmod u=r,g=r .project_x.txt` changes .project_x.txt such that the group and user can only read this file.

Change directory permissions

`chmod g-x drafts` group loses the ability to execute the directory.

Summary

All changes can be accomplished given the commands explained above