

File permissions in Linux

Project description

We want to change the permissions of the files and/or directories using the CHMOD command in the terminal.

Check file and directory details

To check the files and directory details we use the, `ls -la` command to show all the hidden files and their permissions.

Describe the permissions string

The permission string starts with either a `-` or `d` which means either file or directory, the rest of the 10 characters start with the first `rw`, which is for the user, the second `rw` which is for group and the third is for others. The `rw` stand for read write execute, in that order.

Change file permissions

To change permission files we will use `chmod [arguments] [file or directory]`

Change file permissions on a hidden file

The hidden files don't need user or group permission to execute, so we will use `chmod u-x .project_x.txt` and `chmod g-x .project_x.txt` to remove the execute permissions from the hidden file.

Change directory permissions

To change the directory permissions we will use the same arguments we want to add `+` or remove `-`. Instead of using the file name, we can use `/drafts`

Summary

I changed the permissions of files and directories using the `chmod` command. This ensures the proper permissions are set for the directories and files.