

DCN Lab - How to run unix programs

These are the experiments NOT in your "important" list. They are UNIX shell-command demonstrations rather than C/NS2 programs, so they're written as bash scripts.

Files

#	Topic	File
1	UNIX directory structure & navigation	01_unix_directory_navigation.sh
2	Create/copy/move/delete files & dirs	02_unix_file_operations.sh
3	File permissions (chmod)	03_unix_chmod.sh
4	Ownership (chown / chgrp)	04_unix_chown_chgrp.sh

How to run

Inside the terminal do this:

```
chmod +x 01_unix_directory_navigation.sh
./01_unix_directory_navigation.sh
```

Script 04 may need `sudo` to actually change owner to another user, but it falls back gracefully if you aren't root.

In VS Code

- Install the **Bash IDE** or **shellman** extension for highlighting.
- Open a WSL/Linux terminal in VS Code (Ctrl+`) to run them.
- On Windows, these scripts work in WSL (Windows Subsystem for Linux) or Git Bash (mostly).