DCN Lab - How to run NS2 programs (selected experiments)

These are the NS2 (Tcl) experiments you specifically asked to practice.

Folder structure

```
ns2_programs/      # All NS2 Tcl scripts
```

Requirements

NS2 runs on Linux. On Ubuntu/Debian (or WSL) you can install:

```
sudo apt install ns2 nam
```

How to run NS2 scripts

```
ns <file>.tcl
nam <file>.nam     # opens the network animator GUI
```

#	Topic	File
22	Connect two nodes	22_two_nodes.tcl
23	Star topology	23_star_topology.tcl
24	Mesh topology	24_mesh_topology.tcl
25	Bus topology	25_bus_topology.tcl
26	Stop and Wait (TCP + FTP)	26_stop_and_wait.tcl
27	Sliding window (TCP + FTP)	27_sliding_window.tcl
28	Star topology (duplicate of 23)	28_star_topology.tcl
29	Token ring (TCP + CBR)	29_token_ring.tcl
30	Token bus (TCP + CBR)	30_token_bus.tcl

Notes on practicing in VS Code

- For Tcl/NS2 syntax highlighting, install the Tcl extension.
- NS2 itself needs Linux (or WSL on Windows). The `.tcl` files open fine in VS Code on any OS, but actually *running* them requires NS2 on Linux.

For information about the C programs, see the companion file how-to-run-c-programs.md.