## Final Project

- 1. Run the two programs
- 2. Enter 'ls' on the server
- 3. What is the output you are getting from the backdoor? (attach screenshot below):

The left panel is our backdoor showing that we received the ls command entered into the server on the right.

- 4. Enter 'ifconfig' on the server
- 5. What is the output you are getting from the backdoor? (attach screenshot below):

```
PS Fivisa221_ethical_hacking_and_penetraticPs Fivisa221_ethical_hacking_and_penetration_testing\cis4221_labs\final_project> python3 \acknowledge connected is promised in the project python3 \acknowledge connected and project python3 \acknowledge connected and provided in the project python3 \acknowledge connected and provided in the project python3 \acknowledge connected connection is provided in the project provided in the project provided provided in the project python3 \acknowledge connected connection is project provided in the project python3 \acknowledge connected connection is project python3 \acknowledge connection is project python3 \acknowledge connection is project python3 \acknowledge connection in the project python3 \acknowledge connection is project python3 \acknowledge connected connection is project python3 \acknowledge connection in the project python3 \acknowledge connection is project python3 \acknowledge connection in the project python3 \acknowledge connection is project python3 \acknowledge connection in the project python3 \acknowledge connection is project python4 \alpha connected connection is project python4 \alpha connecti
```

The server on the right shows network data returning from the ipconfig(ifconfig) command.

- 6. Enter 'pwd' on the server
- 7. What is the output you are getting from the backdoor? (attach screenshot below):

```
PS F:\cis4221_ethical_hacking_andPS F:\cis4221_ethical_hacking_and_penetration_testing\cis4221_labs\final_project> python3 .\server.py

connected

command received: pwd

[+] ('127.0.0.1', 59376) connected

* Shell~127.0.0.1: pwd

output: /cygdrive/f/cis4221_ethical_hacking_and_penetration_testing/cis4221_labs

* Shell~127.0.0.1:
```

The server on the right shows the path of the folder above the backdoor script.

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- 8. Enter 'cd ..' on the server
- 9. Enter 'pwd' on the server again
- 10. What is the output you are getting from the backdoor? (attach screenshot below):

The server on the right shows us the path of the folder containing the folder containing the backdoor script.

- 11. Start keylogger on the backdoor (run command keylog\_start on the server)
- 12. Dump key logs
- 13. Stop keylogger on the backdoor
- 14. Attach screenshots of key dumps below: