COMP 7003
Assignment 2
User Guide

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Purpose

- A simple program to demonstrate how to do an assignment:

Installing

Obtaining

```
git clone https://github.com/shayanz23/ns-assign-2
```

Readying run environment

Install scapy and psutils.
```
cd ./ns-assign-2/source
```

Running

On mac:
```
python3 ./main.py -i <inteface name> -c <packet count> -f
<filter>
```
On Arch Linux or other Linux:
```
sudo python ./main.py
```
On MacOS:
```
python3 ./main.py
```

Command Line Arguments

The following configuration values can be set in <file>:

Variable	Purpose
-i	Set the interface you want to monitor.
-c	Set the number of packets to monitor
-f	Set the packet ethernet type or protocol filter

Examples

```
sudo python main.py -c 2 -i any -f arp
sudo python main.py -c 10 -i enp5s0 -f icmp
```