SERVER

To start the server, run a make command and then execute the resulting executable

```
$ make
$ ./fsw.exe
```

To specify the IP address and port, either change the ADDRESS and PORT variables in the source, or pass "a" and/or "p" to the executable as options.

```
$ ./fsw.exe -a "192.168.1.17" -p 8080
```

The IP address should be associated with the machine running the code, probably the one given to it by the router/modem. The port must be in the range [1024, 49151]. The IP address and port must be identical on the client and server, or the client must be redirected to the server by a networking device.

CLIENT

To run the client, run gcs.py

```
$ python gcs.py
```

To specify the IP address and port, either change the ADDRESS and PORT variables in the source, or pass "a" and/or "p" to the executable as options.

```
$ python gsw.py -a "192.168.1.17" -p 8080
```

To send commands to the server, enter numbers corresponding to commands in the prompt. The server will respond with "Server says:"

PROMPT

```
invalid: 1
safe mode enable: 2
safe mode disable: 3
show number of commands received: 4
show number of safe modes: 5
show up time: 6
reset command counter:  7
shutdown: 8

So... what will it be, boss?
Type a number:
```

RESPONSE

```
Server says:
state -> Ready
```