**Installation guide (ubuntu), write the following commands in the terminal:**

1. echo "deb [trusted=yes] https://apt.fury.io/caddy/ /" \

| sudo tee -a /etc/apt/sources.list.d/caddy-fury.list

1. sudo apt update
2. sudo apt install caddy

\*Taken from: <https://caddyserver.com/docs/download>

**How to use:**

to run in http/1.1 without encryption open the terminal in the folder containing the index.html and use the command: sudo caddy file-server

to run http/1.1 with encryption use the same steps as HTTP/2 shown below and block HTTP/2 in the browser

**to run http/2 or http/3 follow these steps:**

1. create an empty document called "Caddyfile" (upper-case 'C')

\* to use in the public network you must assign a domain to get a certificate, use a free DNS to get one

**write the following in the Caddyfile to use HTTP/2:**

your.domain {

tls your.email # (can be replaced with "internal" to use it locally but can only be reached #using curl, browsers would raise an error)

file\_server

}

**to use HTTP/3 add the following above everything else in the Caddyfile:**

{

experimental\_http3

}

after editing the Caddyfile open the terminal in the folder containing the index.html file and the Caddyfile document you created and use the command: sudo caddy run --watch

\* stop the server by using sudo caddy stop

\* make sure to open the ports you wish to use in your router, you can use other ports but the browsers won't recognize them automatically.

\* make sure to open the ports in the operating system firewall.

\* http/1.1 without encryption uses port 80 (TCP)

\* http/2 and http/3 (uses https) use the port 443, http/2 uses TCP, http/3 uses Quic (UDP).