

1. How did you decide which type of socket to use? Why?

`socket(AF_INET, SOCK_STREAM)`

“This line creates the client’s socket, called `clientSocket`. The first parameter again indicates that the underlying network is using IPv4. The second parameter indicates that the socket is of type `SOCK_STREAM`, which means it is a TCP socket.” From the textbook, the textbook explained it better than I can.

2. How did you choose the destination ports?

I choose the destination ports either it is given to us via the command line, if not, I use 80 port as a default.

3. What error handling cases did you implement?

None, yet

4. How does your program terminate? What happens to the TCP connection?

`Socket.close` or when all the bytes are read.

5. For the unsuccessful URLs, why were they unsuccessful?

Some unsuccessful URLs were redirects so it was unsuccessful, some were 404 errors and sites couldn’t be reached, and some were mistyped websites or websites that didn’t exist.

6. What happens if you try to access a site using HTTPS?

Exceptions