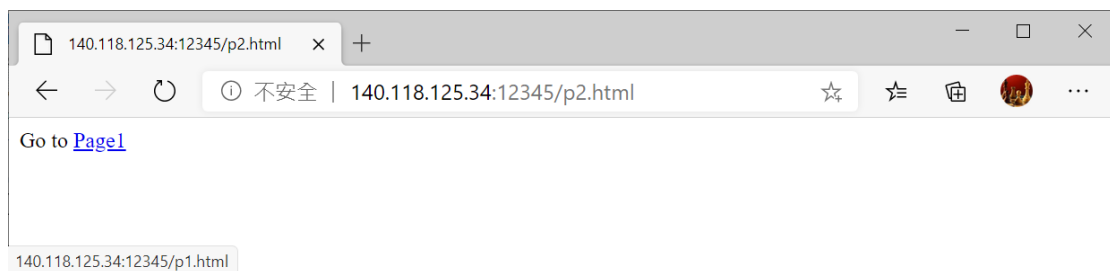
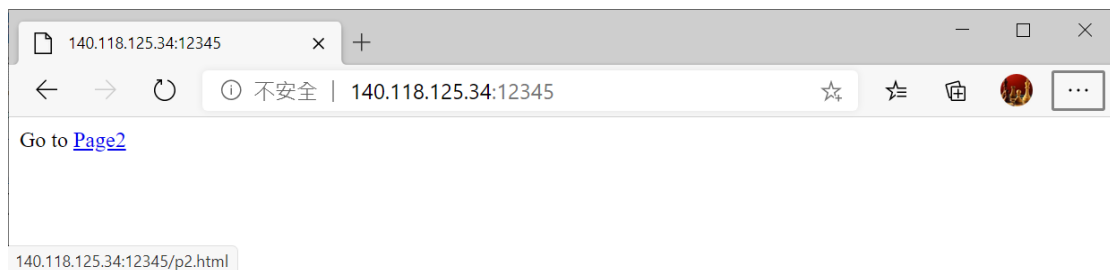


Computer Networks  
Homework 1  
Due: Oct. 29, 2021 23:55

Web server

In this assignment, you will develop a simple Web server that is capable of processing only one request. Specifically, your Web server will (i) create a connection socket when contacted by a client (browser); (ii) receive the HTTP request from this connection; (iii) parse the request to determine the specific file being requested; (iv) get the requested file from the server's file system; (v) create an HTTP response message consisting of the requested file preceded by header lines; and (vi) send the response over the TCP connection to the requesting browser. If a browser requests a file that is not present in your server, your server should return a "404 Not Found" error message.

Please create two webpages on the server. Each page has a link to the other page. Use web browser to show one of the page. Click the link and the other page should be retrieved and shown on the browser.



Hand in:

1. The source code.
2. A short description for how to run your program.