Lecture demos: http/web browser/HW4

* Run nc -l 3333 and send a request to it from a web browser to see what the browser info looks like. Try different things following the server name/port like /send/me/stuff or /index.html.
* Use different user agent settings in Safari to see how amazon.com reformats the display for different devices. Use nc –l 3333 to look at request packet.
* Use nc to connect to example.com or google.com (port 80)  
  nc -C example.com 80  
  GET / HTTP/1.1\r\n  
  Host: example.com\r\n  
  Connection: close\r\n  
  \r\n
  + (most sites are now using https, which makes it harder to find sites that will work successfully with this demo)
  + -C option uses correct newlines. Alas, not portable, need to use -c (lower case) on a mac.
* Run hw4 server on attu, connect from web browser(s). Show basic operation, show that it can handle multiple requests simultaneously (e.g., threads – section topic for Thur.). Run standalone on VM. Show how to shut down sending http://attu4.cs.washington.edu:5555/quitquitquit (old version was use kill from another terminal window on same machine)
* Use “show source” in Chrome (Firefox on VM) to show html received from hw4 server.
* Use nc to connect to the hw4 server and look at the raw data from it.