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CPSC 441 Assignment 1 with approved extension until Sunday Feb, 4,2018 at 4pm  
Not completed

How to compile: Using Xcode in mac laptop, just click on the run button which will both compile and run.

Congifure: Use firefox browser and set it up using a manual proxy configuration with the HTTP proxy configuration being localhost and using the specific Port 8001.

How to use Web proxy: Have the firefox browser already set with the html files, run the code from the Xcode and then switch back to the browser, both html and non html will somewhat work. Clear cache frequently.

For this assignment, I used the tutorial Proxy.c file as a base for the implementation of a working Web proxy. Yet there was still many changes and bug that I had to deal with because large websites would mostly crash, but smaller non html files like txt file would still be accessible from the proxy. My plan was to have an if else statement such that if it's an html file, do this, and else it's not an html file, then do that. However my html part of this assignment isn't perfect. I did do a http head requests and I managed to figure out how to find an html file and how to find its respective range request. But my problem was to concatenate all of the split ranges together. On Friday February 2, I encountered a huge problem with the addr\_proxy, and it wouldn't compile. I asked my instructor for an extension until today, but I still couldn't perfect the assignment. During university time and at home, I used my mac laptop using the Xcode application, while I used firefox as my experimental proxy browser. I would test by switching back and forth from these two programs. Honestly, I did start slightly later than recommended, but I did put many hours trying to understand and debug my code. So to conclude, the proxy somewhat works and the html range request isn't properly working.