

## Homework 9

### Problem 1

Extend TINY so that it serves dynamic content requested by the HTTP POST method. You only need to show what have been added, deleted or updated.. You could define a new function *serve\_dynamic\_post* and call it somewhere. Note: the **Asides** in chapter 11.5 are useful.

### Problem 2

- A. In the server in Figure 12.8, we are careful to reinitialize the `pool.ready_set` variable immediately before every call to `select`. Why?
- B. What is the pros and cons of using *select()* to write concurrency servers?

### Problem 3

Which level would the following data being shared? Answer with not *shared*, *thread*, or *process*. i.e., if X is shared between threads but not shared between processes, answer *thread*.

- A. File descriptor table.
- B. File table.
- C. Stack.
- D. Heap.
- E. Program counter.
- F. Condition code.
- G. Installed handler.
- H. V-node table.