

22C:060: Computer Organization

Homework 6

Total points = 40

Assigned November 27, 2012, due December 4, 2012, 11:59 PM
Submit your solution through ICON dropbox.

Solve the following problems from your textbook

Problem 1. (10 points) Solve problem 8.8 from your textbook. Clearly show your calculations. [Show how many bytes are there in a cache block, and how many sets are there in the cache]

Problem 2. (3x10 = 30 points) Solve problem 8.11 (a) (b) (c) from your textbook. You must explain how you arrived at the answer. Present the solution in the following format:

Contents of the data cache after

Cache block #	Pass 1	Pass 2	Pass 3	Pass 4
0	200			
1	204			
etc	etc			