

CSE 123, Fall 2011

Homework #1

Instructor: Stefan Savage

TAs: Alex Rasmussen and Nima Nikzad

Due Oct 11<sup>th</sup> at the beginning of class

1. P&D Exercise 1.4 (a-d)
2. P&D Exercise 2.3 (just show the 4B/5B encoding)
3. P&D Exercise 2.5
4. P&D Exercise 2.7
5. Many companies transfer very large amounts of data (i.e., many terabytes) across the country by physically sending disk drives via UPS instead of transmitting it over a network. Why might this technique work well for these applications (e.g., sending a month of customer purchasing data at Walmart to a remote data center), but not be widely used in data networking?