Class Assignment 1 – please handwrite the answers ( I am an old fashioned guy..do not like cut and paste). Due Jan 21, 2014

1. What is socket Programming? Look up some Socket programming codes in C#, C++, and VB and be prepared to some programming.
2. Define: modulation, multiplexing, encryption, circuit switching, packet switching, client server, peer-to-peer, super computing, computer cluster.
3. What does redundancy mean in computer networking?
4. What does each of these servers do? Fileserver, print server, database server, domain name server, communication server, DHCP server
5. Explain different types of virtualization. What are some advantages and disadvantages of virtualization? (refer to my power point slides).
6. What is Hadoop?