Computer Science   # COMPSCI 111/111G

Internet 01
Exercise Sheet

Exercise 1: What is the difference between circuit switching networks and packet switching networks?

Exercise 2: What was ARPANET?

Exercise 3: Put the following events into chronological order: WWW created, Sputnik launched, DNS created, TCP/IP developed.

Exercise 4: What is the difference between a LAN and a WAN?

Exercise 5: What do network protocols do?

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Exercise 6: Give two examples of protocols used on the Internet and state what each protocol is used for.

Exercise 7: Explain, in your own words, what a Domain Name Server does.

Exercise 8: Imagine that a friend has three different computers in their home and they wanted to connect them all to the Internet. What hardware would you recommend that they purchase? Draw a diagram showing how the hardware would connect the machines to the Internet.