Week 5

5.1

Interconnection Devices – Switch

* According to the diagram there are 3 collision domains, 1 broadcast domain

5.2

Internconnection Devices – Router

* Layer 3 Datagrams:
  + An IP datagram is a packet of data passed across the network at Layer 3 of the network protocol stack
  + At Layer 3 (and above), IP addresses are used to send messages from on computer to another
  + IP addresses are software addresses that can be changed according to the network subnet to which they belong
* “Every time you hear router, it means IP address”
* “To go from one subnet to another subnet, you must have a router”
* “Model all it does is convert digital signal to analog signal”
* “cylinder diagram is a router, box diagram is a switch”