**Video case 04**

**Chapter 4: The Medium Access Control Sublayer**

**Watch the video at:** <https://www.youtube.com/watch?v=ZvWn5xBflUs>

**Summary:** This video talks Hub, Switch and Router

1. How does a Hub work?

It works under the physical layer of the OSI model by connecting a bunch of computers together in a network. All the PC’s connect to a central switch that links them. However, it uses a lot of bandwidth and you cannot send data to a specific PC.

1. Does switch work as a hub initially?

It works similarly in the sense that it connects all of the PC’s to a central device however when data is sent, it can be directed to a certain end point rather than just sent to all.

1. What are the functions of the router?

It is used to connect two or more different networks. A router allows you to connect different networks to it so that it can use the IP address to communicate between the networks.