**Video Case 06**

**Chapter 6: The Transport Layer**

**Watch the video at:**  - <https://youtu.be/W643-DgCxD4>

**Summary:** This video talks about the transport layer services and protocols

1. What are the primary responsibilities of transport layer?

Tracking the individual communication between applications on the source and destination hosts, segmenting and reassembling the segments into streams of application data, and identifying the different applications associated with data.

1. How is segment of data identified?

It is identified by the header that contains a unique number that is added to each segment.

1. What are the transport layer protocols?

Transmission control protocol (TCP) and user datagram protocol (UDP).

1. Application examples for the transport layer protocols?

IP telephony and streaming video.