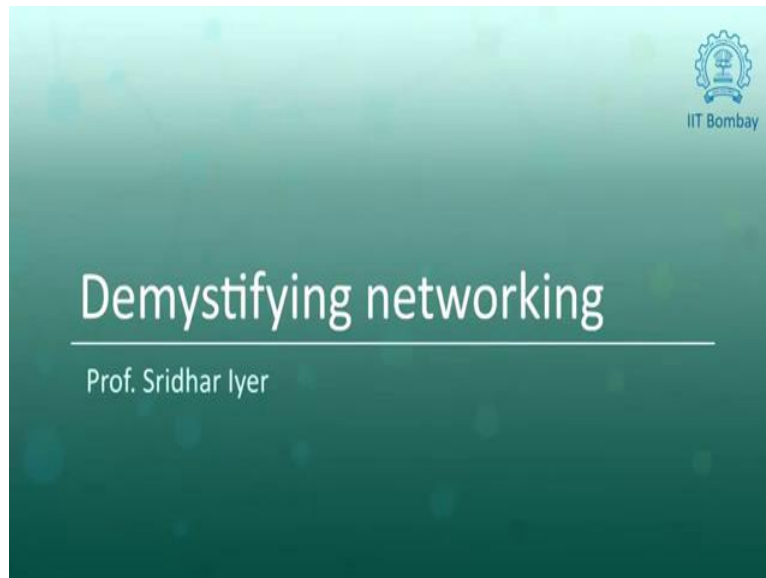


Demystifying Networking
Prof. Sridhar Iyer
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Lecture – 36
Summary of the week

(Refer Slide Time: 00:03)



So, let us now try to summarize what all we have learnt in this week. We started with the idea of an analogy, which led us to discovering the topics of layering.

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The image shows a slide titled 'Week 1 Summary'. The title is in white text on a blue background bar at the top left. To the right of the title bar is a network diagram icon and the IIT Bombay logo. The main content is a bulleted list of topics. On the right side of the slide, there is a video inset showing Prof. Sridhar Iyer speaking. At the bottom of the slide, there is a footer with the text 'Demystifying Networking | CS75'.

- Layering
 - Interfaces between layers
 - Protocol across layers
- How does a packet move ?
 - MAC at link layer
 - Routing at network Layer
 - Sequencing Segmentation at Transport Layer
- Addressing
 - MAC, IP address and the Logical address

Within layering, we saw the ideas of interfaces between layers, we saw the ideas of protocol across layers. Then we saw the concepts of how does a packet move from one end of a network to the other, in that we encountered the ideas of medium access control at the link layer, the ideas of routing at the network layer and the ideas of sequencing, segmentation, retransmission at the transport layer.

We also saw that there is a need for addressing and that there were three levels of addresses. There was the MAC address, there was the IP address and there was the logical address, what the functions of each of these addresses were. Now, to put all of this together, let us do an assignment.