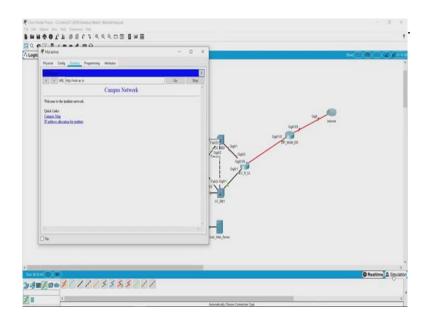
Demystifying Networking Department of Computer Science and Engineering Indian Institute of Technology, Bombay

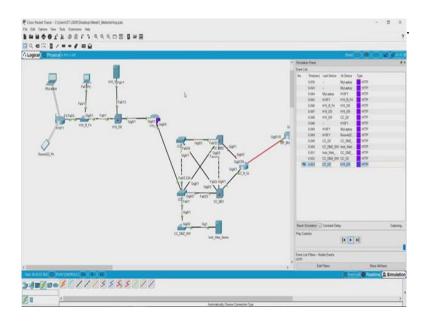
Lecture - 16 Loading the page in Simulation Mode

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So, what we will do is from the real time mode, we will switch to simulation mode. So now, what we will see is the request for their website from our laptop going to the web server. So, let us go ahead and place that request. So, I will just press 'Go' again and now I will click on 'Play'.

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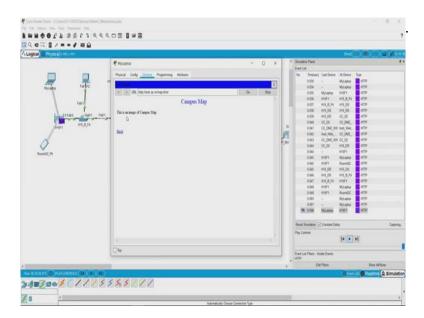


So, as I click on 'Play', you see these small packets have started flowing from one device to the other and eventually find the way to the server and the server is trying to respond to it.

So, we just saw, how the packets one by one were going to the server and back. Now, since this was the very small website, so it was just loaded in one go. So, what we will try to do is now, just try to click on the campus map link which has an image, which is a heavier file than compared to the text file we just loaded and let us see how it handles that.

So, we will go to the simulation mode and we will try to request the campus map. So, as we click on 'Campus Map' and then we hit on 'Play', we see certain traffic has started flowing again. It goes from the laptop through the network and reaches the institute server. The server response goes back to the router and to the laptop. Now, let us see what is there on our webpage.

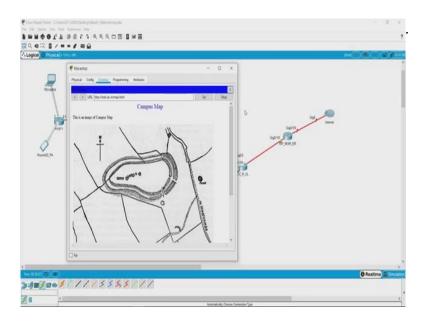
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We see that the webpage has loaded, but the image is not loaded yet because the image is being communicated. Now, what you see is, there are number of packets, which are the small purple packets, which are leaving the web server and try trying to get to the laptop. So, what is happening here is, the image has been broken down into small fragments and these fragments are being sent to the laptop, one at a time.

So, all these segments are of a particular length. So, until and unless we are able to create the entire segmented form of the image, this communication keeps happening. So, what we will do is, let us switch to real time and see the image load. So, we have here switch to real time and what we see is the image has loaded.

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So, now what we can do is, go back to the simulation mode and try to see what, are the different type of information that are available.