1. **Agenda:**
   1. Let’s install Wireshark to capture the network traffics.
   2. Also HTTP vs. HTTPs Protocols.
2. Wireshark is a program that allows us to capture the network traffic.
3. A screenshot of a computer

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4. Now we should choose a particular interface that WireShark will use for capturing the traffics.
5. Just Double click to choose.
6. A screenshot of a computer

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   As soon as we click on Wi-Fi:en0, the capture of traffic will start immediately. See below  
   A screenshot of a computer

   Description automatically generated
7. **Way to get IP Addresses.**
   1. ping **-4** [www.instagram.com](http://www.instagram.com) : Here -4 is important otherwise v6 address will be printed.
   2. Output of the above command  
      A screen shot of a computer

      Description automatically generated
   3. The Chrome browser is not showing ipv4 but ipv6. So, use the above command 🡺 ping -4 <site>  
      Wait 😊  
      The WireShark installed on my system doesn’t work with IP (received from ping -4 <site>command)well so we will use ipv6. Like this  
      1. Get ivp6 🡺 ping <site> or ping -6 <site> or from browser network tab.   
      2. Then go to WireShark  
      A screenshot of a computer

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8. Let’ go to the next lecture.