Lab 3 Computer Networks

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# Step-wise documentation of How to Connect Between Devices Via Switch and Giving IP Address for Each Computer on Cisco Packet Tracer

1. **Download CISCO Packet Tracer**
2. **After opening the program follow the below steps:**
3. **Chose the end devices icon as shown on the Picher, and extract any number of devices. We can extract the devices which we need by click on it, after that drag it at the place which we need.**
4. **Add switch device/hub device to connect between the desktops.  We can extract the switch device from the icon which it shown on the picture.**
5. **Connecting the desktop via switch using Cross-Over cable .**
6. **Click on Cross-Over cable, then click on desktop (PC0), after that click on the switch.  
   Do this step with all desktops.**
7. **Give an IP address for each desktops.**
8. **Give IP address (example): The IP address for (PC0) is 192.168.1.2, and the subnet mask is 255.255.255.0.  
   The IP address for (PC1) is 192.168.1.3, and the subnet mask is 255.255.255.0. and so on… for all the devices.**
9. **Then go to simulation and run the task.**

**The following are the Screenshots of the above implementation.**

**Fig 1. Connecting 2 PCs, Fig 2. Connecting PCs through Switch, Fig 3. Connecting PCs through Hub:**

