Card
PT-LAPTOP-MM-LVV-AC

Cord.

Cord

Home router.

Design a network

Aim:→ Design a network with the help of Cisco Packet Tracer which involves a Router.

Procedure:→

step 1:→ we have to establish a connection by joining three Laptop's through a Home router -PT-AC by copper cross-over cable.

Step-2:- Now we have to click on Laptop to change its physical view.

Step 3:→ At first the laptop will be on. Click on the button to off and then ~~remove~~ add the PT-LAPTOP-NM-1WAC module to the Laptop. Then turn the laptop 'on'.

Step-4:→ Go to the 'dekstop and choose static IP and put IP according to your choice. Like 192.168.0.1 and then click on Subnet Mask it will automatically give the Subnet Mask number as 255.255.255.0. Do same for all the laptops.

Step-5:→ Then for connection building open Command prompt from ~~config~~ Desktop menu. After clicking on Command prompt give command "ping 192.168.0.1" the IP of the other Laptop.

Teacher's Signature ....

Step-6 — After ~~make~~ building the connection click on simulation for sending data packets and check all the packets are going to the given destination or not.

Result:→ We set up a network using three laptops connected through a home router and delivered packets between them.