Router Configuration:

* Select one **PT-Router** and two **end devices** from the bottom left-hand corner and drag it to the screen.
* Connect the router to end devices using default connection option.
* Then we have to config end device(PC0) with **Gateway**:10.0.0.1 and **Ip-address**:10.0.0.10 and PC1 with **Gateway**:20.0.0.1 and **Ip-address**:20.0.0.10 .
* Then we need click on the **CLI**tab to access the configuration menu.then,

1. Type **enable**
2. Type **config terminal**to access the configuration menu.
3. Type **interface fa 0/0** to access Ethernet0/0
4. Type**ip address 10.0.0.1  255.0.0.0**
5. Type **no shutdown**

* Our router is configured properly.
* Type ping 10.0.0.1 in the command prompt to know whether it is sent to destination or not.

**Output:**

A router is the smartest and most complicated among hub and switch. The router is generally located at gateways and uses the **ICMP** protocol to communicate and configures the best route between any two end devices.