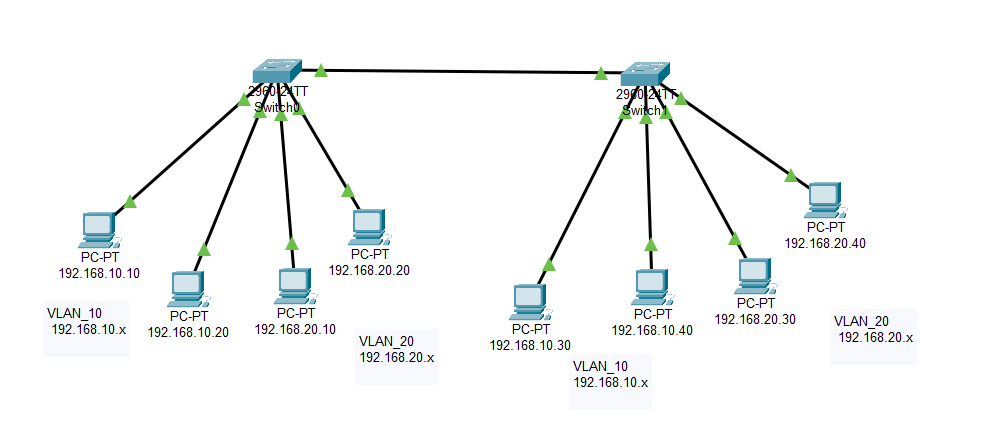
**4. Use Cisco packet tracer for the below:**

**5. Set up trunk ports between switches and try ping between different VLANs.**

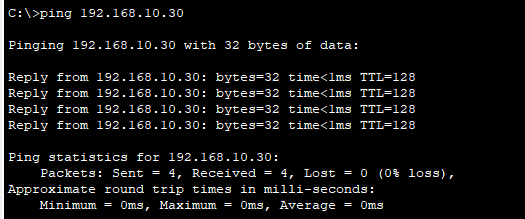
**Steps Followed:**

* Placed two switches and PCs.
* Connected them with cables.
* Created VLAN 10 and VLAN 20 on both switches.
* Assigned PCs to VLANs.
* Configured a trunk link between switches.
* Assigned IP addresses to PCs.
* Tested connectivity (same VLAN OK, different VLANs failed).

**Setting Up:**

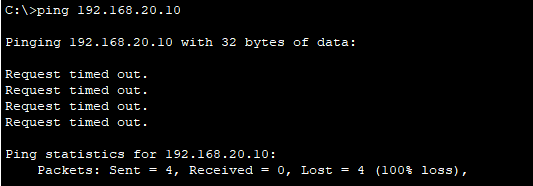


**Pinging 192.168.10.30 (2nd Switch – Vlan\_10) from 192.168.10.10 (1st Switch – Vlan\_10): Success**

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**Pinging 192.168.20.10 (1nd Switch – Vlan\_20) from 192.168.10.10 (1st Switch – Vlan\_10):**

**Ping Fails**

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**Ping Fail reason - we have not configured any routing.**