**Assignment Submission**

**01\_Lesson : The Introduction to Packet Tracer**

**Approach:**

* **Understanding and Breaking Down the Problem:** The problem involved establishing connectivity between PCs connected to two switches within the same VLAN. Key considerations included configuring the switches to ensure proper VLAN assignment and enabling communication between the PCs.
* **Approach Selection:** Upon identifying that all PCs were on VLAN1, I chose to configure the switches to assign IP addresses to VLAN1 interfaces and facilitate packet transmission between the PCs.
* **Methods and Preprocessing Techniques:** Using the "config t" command, I entered global configuration mode on both switches. Subsequently, I assigned IP addresses to VLAN1 interfaces using the "int vlan1" command, ensuring proper network configuration for communication between the PCs.
* **Addressing Challenges and Seeking Help:** While executing the configuration commands, I ensured adherence to best practices and consulted relevant documentation to validate the correctness of the configuration steps. Additionally, I conducted thorough testing to verify successful packet transmission between the PCs, addressing any connectivity issues encountered during the process.

**Solution:**

* config t
* int vlan1
* <Assign IP addresses to VLAN1 interfaces on both switches>
* <Configure any additional settings required for VLAN1>
* <Verify connectivity between PCs>