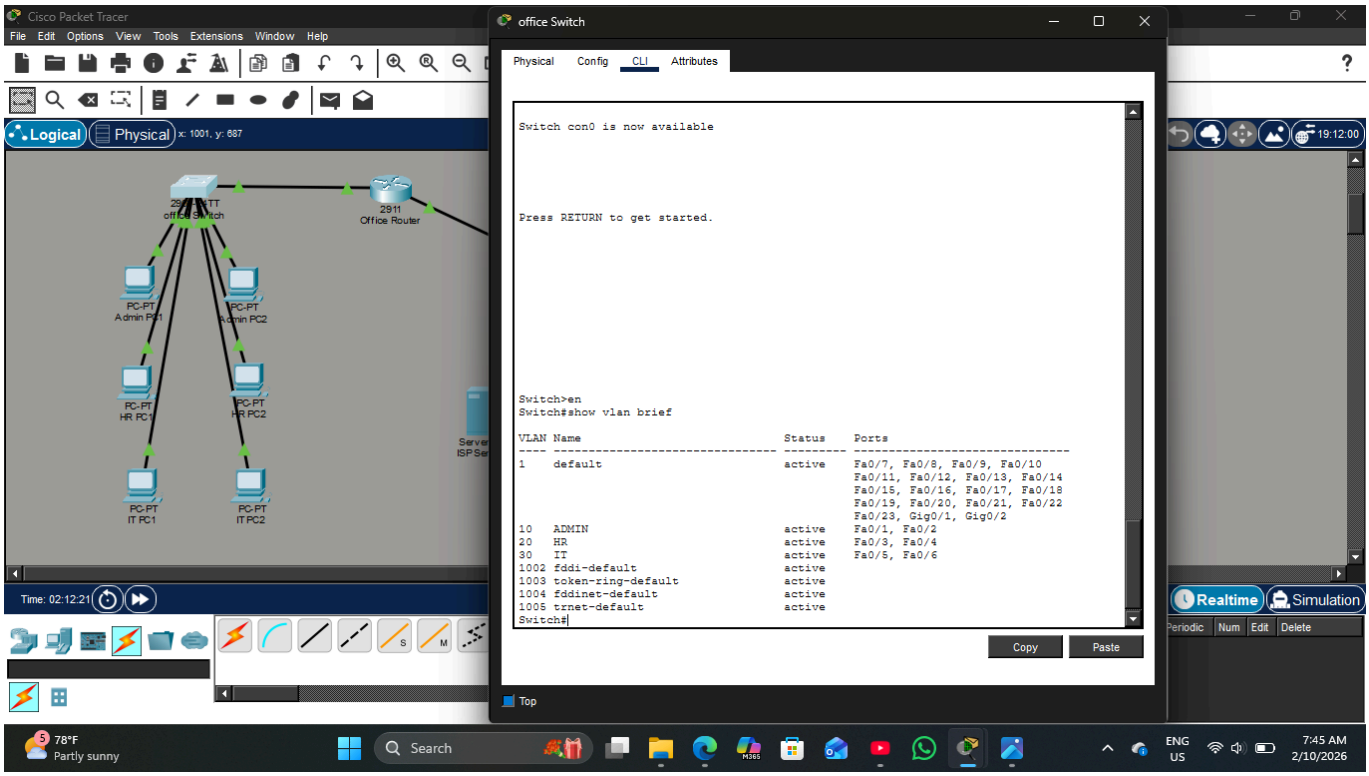
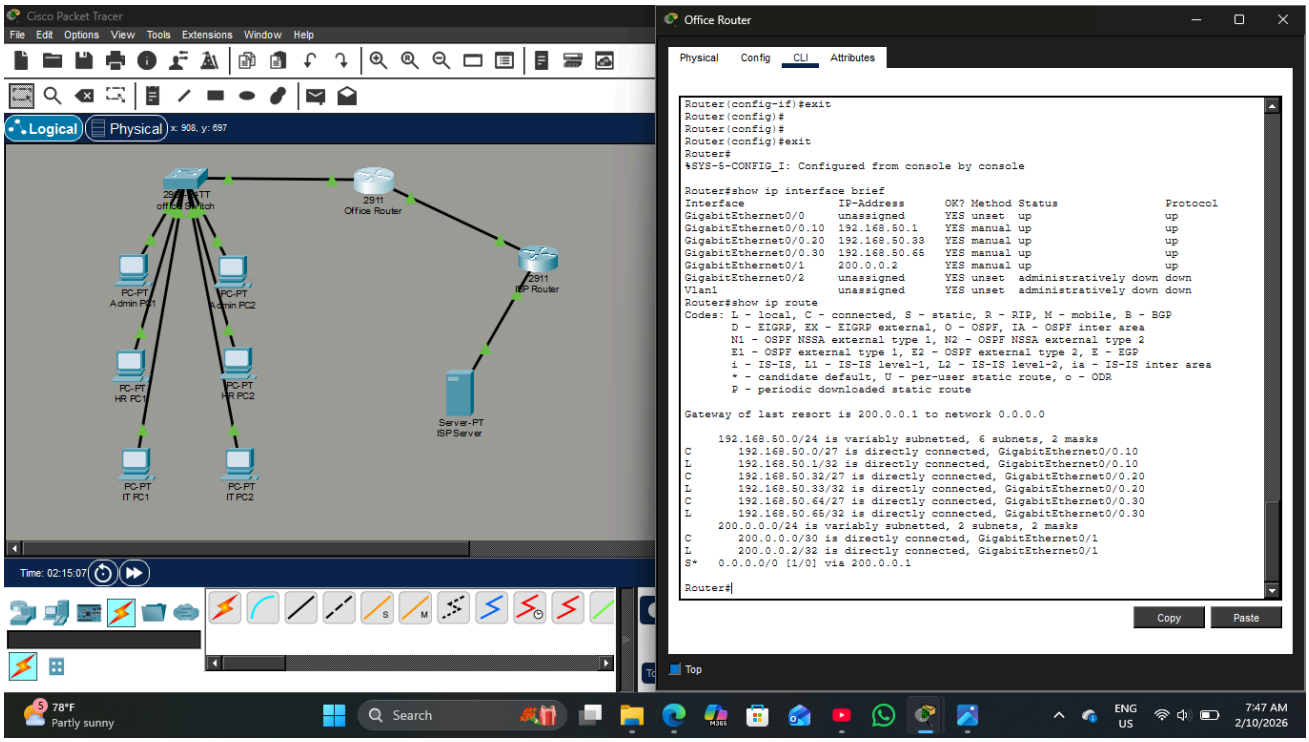
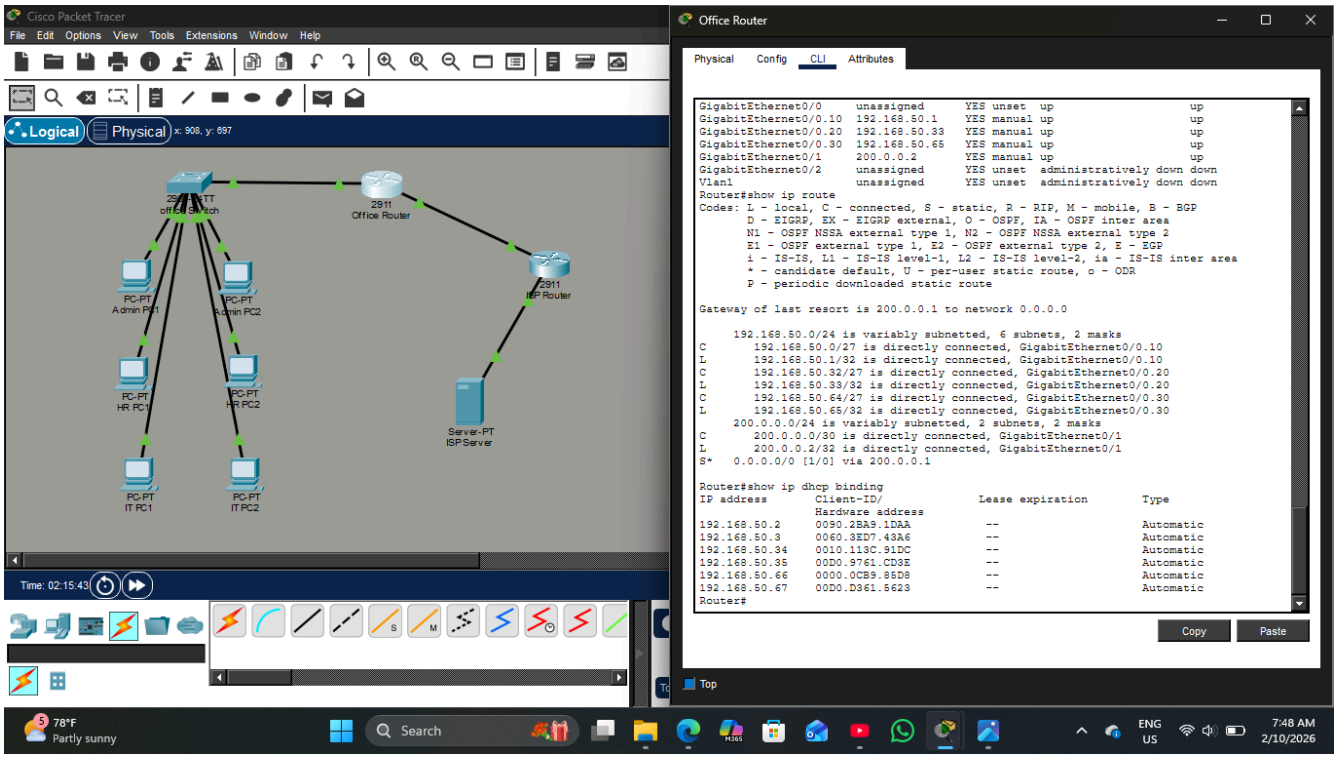
show vlan brief on office switch



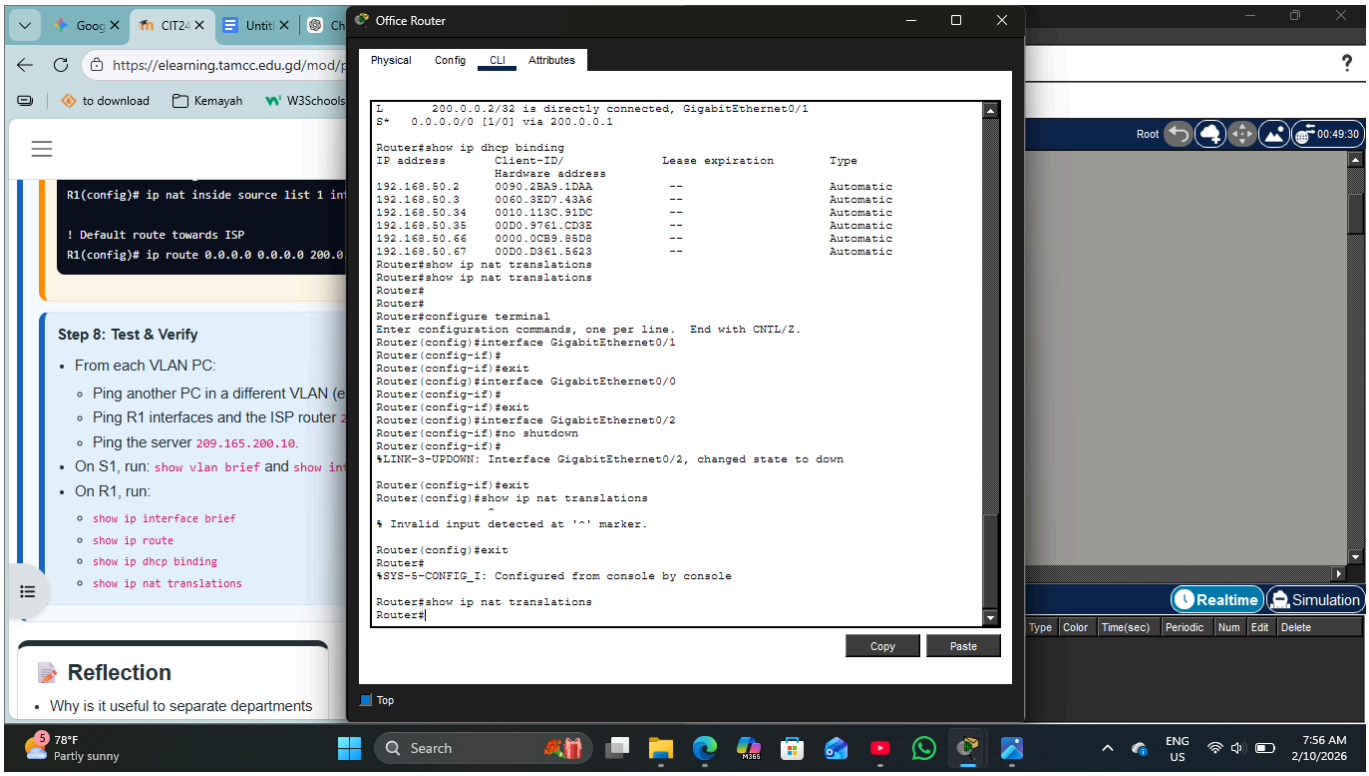
show ip route on office router



Show ip dhcp binding



show ip nat translations



show ip nat translations was unsuccessful

Short note

I built a multi-department network using VLANs for segmentation and Router-on-a-Stick to enable inter-VLAN communication. I automated host addressing by configuring DHCP pools and implemented NAT Overload (PAT) to provide shared internet access through a single public IP. This can be verified by pinging the server.