



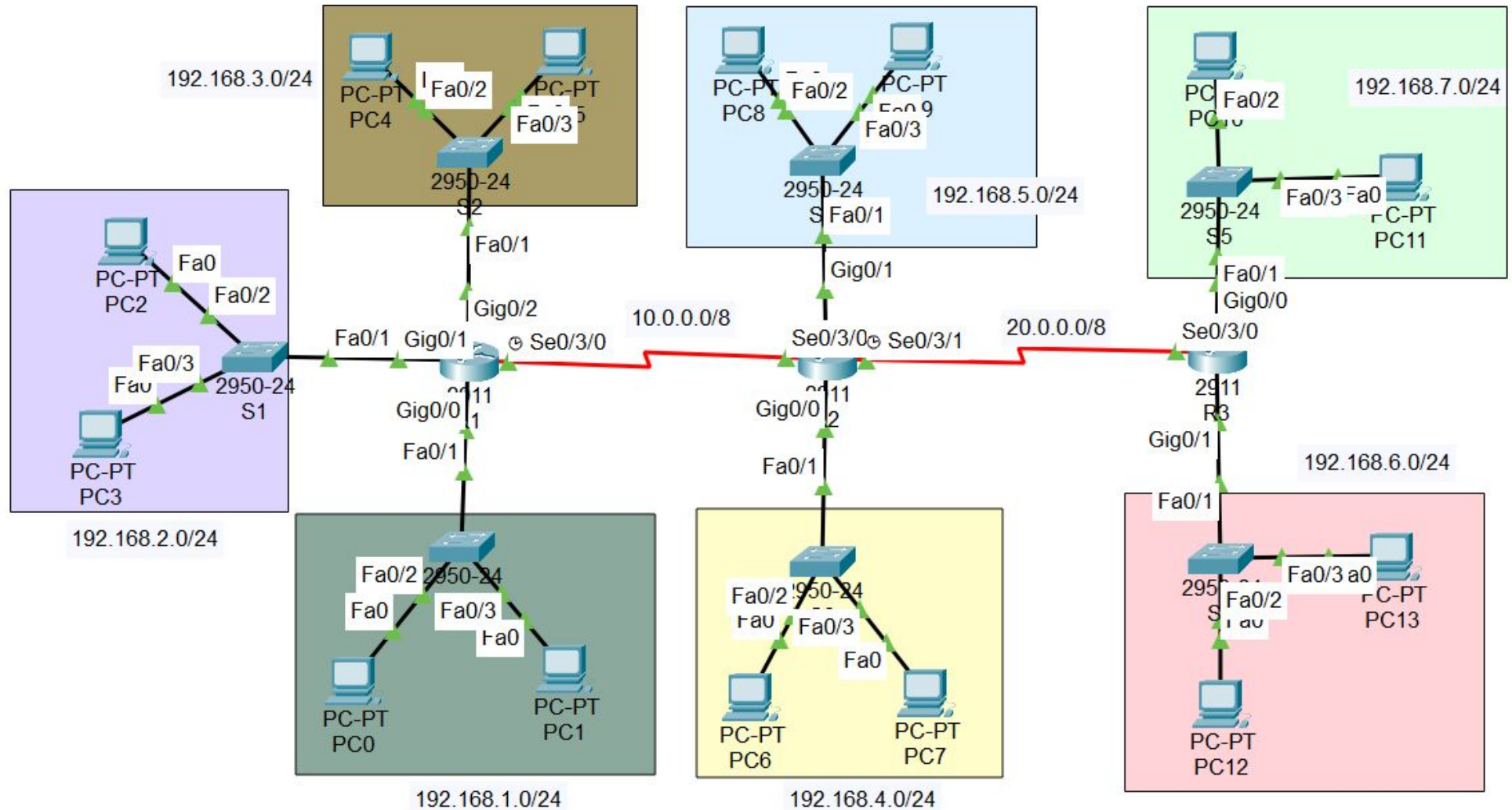
Computer Communications and Networks

Static Routing



Exercise 3 from Week 5

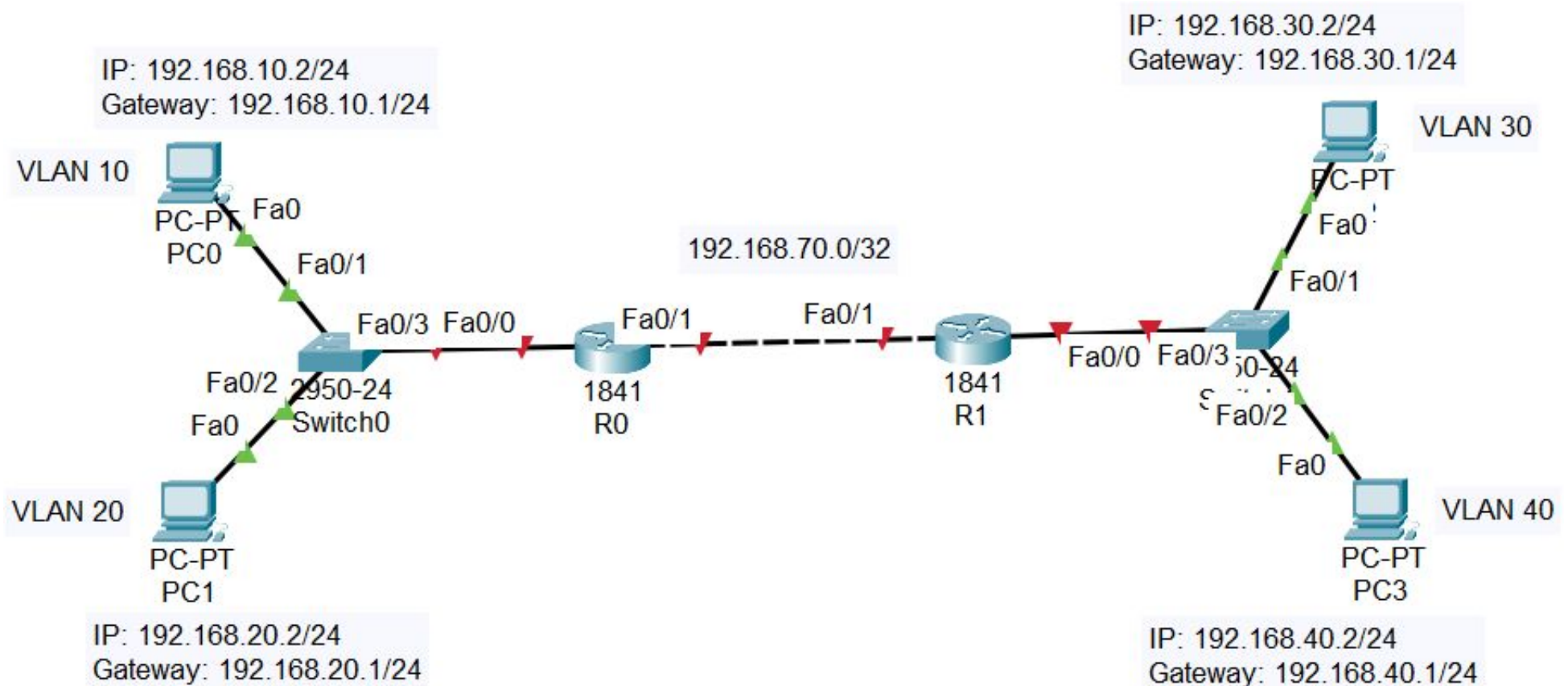
Create the following network topology and configure the routers with static routing information so that all PCs can communicate with each other.





Exercise 1- Week 6

Create the following network topology, define four VLANs as instructed, configure sub-interfaces on the routers, and set up static routing to ensure seamless communication between all PCs across different VLANs.





Exercise 2-Week 6

Building on the previous exercise, add one Ethernet port to each router (R0 and R1). Connect PC4 and PC5 to R0 using a switch and PC6 and PC7 to R1 using another switch. These newly added PCs will operate outside of any VLAN. Configure the routers to enable seamless communication between all PCs, regardless of VLAN membership.

