### **Topology**

You will receive one of three possible topologies.

### **Addressing Table**

| **Device** | **Interface** | **IP Address** | **Default Gateway** |
| --- | --- | --- | --- |
| College | G0/0 | 172.14.5.1/24 | N/A |
| *[[R1Name]]* | *200* | 2001:DB8:CAFE:1::1/64 | *N/A* |
| *[[R1Name]]* | *G0/0* | FE80::1 | *N/A* |
| *[[R1Name]]* | G0/1 | 172.14.10.1/24 | N/A |
| *[[R1Name]]* | *G0/1* | 2001:DB8:CAFE:2::1/64 | *N/A* |
| *[[R1Name]]* | *G0/1* | FE80::1 | *N/A* |
| Class-A | VLAN 1 | [[S1Add]] | 172.14.5.1 |
| Class-B | VLAN 1 | [[S2Add]]/24 | 172.14.10.1 |
| Student-1 | NIC | 172.14.5.50/24 | *nk*172.14.5.1 |
| *[[PC1Name]]* | *NIC* | 2001:DB8:CAFE:1::2/64 | FE80::1 |
| Student-2 | NIC | 172.14.5.60/24 | 172.14.5.1 |
| *[[PC2Name]]* | *NIC* | 2001:DB8:CAFE:1::3/64 | FE80::1 |
| Student-3 | NIC | 172.14.10.50/24 | 172.14.10.1 |
| *[[PC3Name]]* | *NIC* | 2001:DB8:CAFE:2::2/64 | FE80::1 |
| Student-4 | NIC | 172.14.5.60/24 | 172.14.10.1 |
| *[[PC4Name]]* | *NIC* | 2001:DB8:CAFE:2::3/64 | FE80::1 |