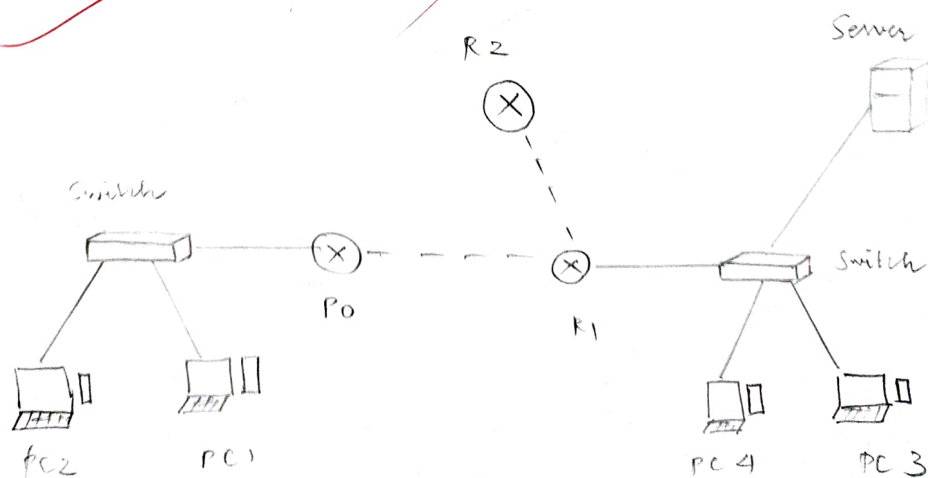# ROUTING INFORMATION PROTOCOL

To Simulate RIP using Cisco Packet Tracer:

1. Adding static router : each router knows only the network directly connected to it, add static route to each network not directly connected.

2. Eg : Router 0. network 10.0.0.0/8, 20.0.0.0/8

3. Creating Main, Backup router administrative distance. deadu preferences of router the lower the AD, the higher the preference.

4. Router configurations . configure static router on each router for network that directly not connected

5. Verifying Router by using commands to show static IP.

6. Testing Route Fail.

1. Initial IP configuration for devices
2. Assign IP address to devices from PCs and routers.
3. Enable and configure interfaces on routers.
4. Configure RIP on routers.
5. Verify and Test redundancy.

Result:

Thus RIP has been implemented in CISCO packet traces successfully.