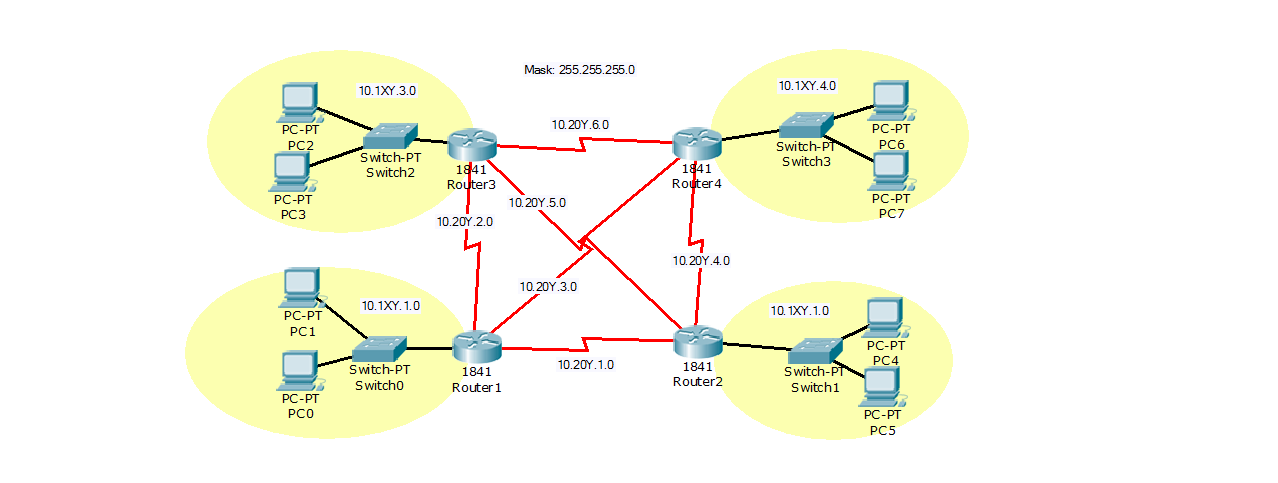
BBM453 Comp.Networks Lab Final Lab Exam – 2020-2021 Fall



10.1XY.2.0

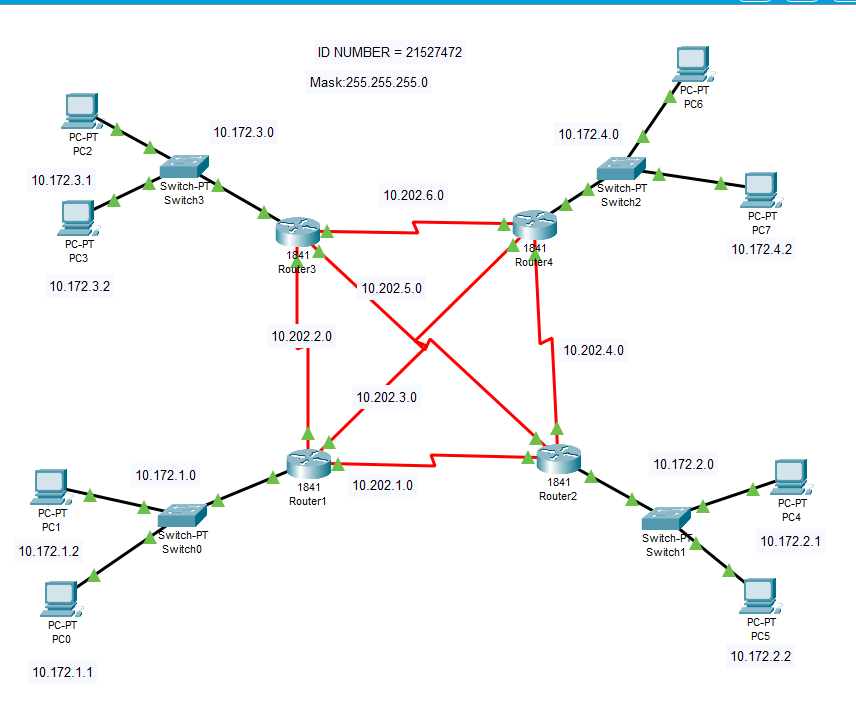
FE

* **XY:** Last two digit of your student number. IP addressing other than your student number will not be evaluated. All subnet IPs are described in the topology.
* Give last available IP address of the subnet to local network gateways (in this case Routers’ FastEthernet : .254). Give first available addresses of the subnet to PCs.
* Perform data communication between **all computers**. (Pings between PCs are enough, dont need to ping inter-router networks).
* Dynamic routing is not allowed. Use only **static routing.**
* **Static Routes** must be performed through shortest path. There should be a minumum number of entries as possible in routing tables. Send the route tables of each router.
* Name: Student ID: Signature:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Grading** | 30p: All Nets Ping - optimum routing solution | 25p: All Nets Ping - unnecessary routes | 20p: Some Nets Ping | 10p: Only LANs Ping | 5p: Nothing works but all cables connected |

1. **Topology**

Due to IP and MASK conflict, I changed the IPs according to myself. I'll put all the IPs in the file



1. **All IPs**

