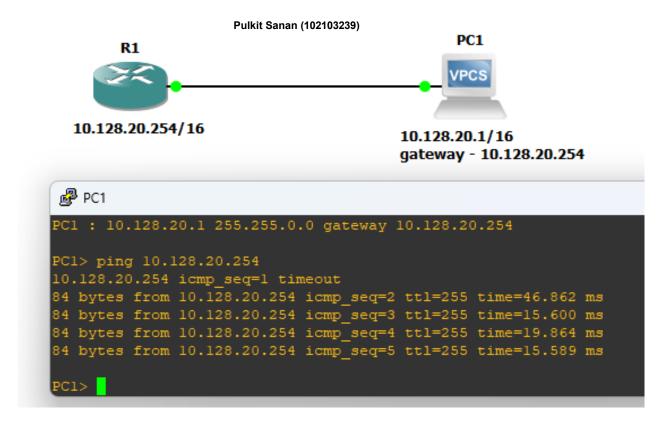
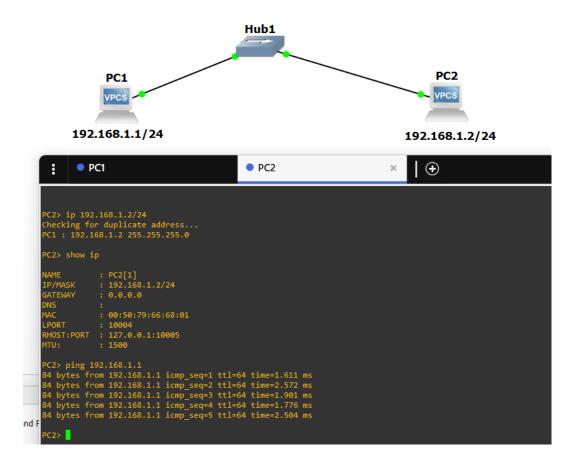
Assignment 5

Q2.

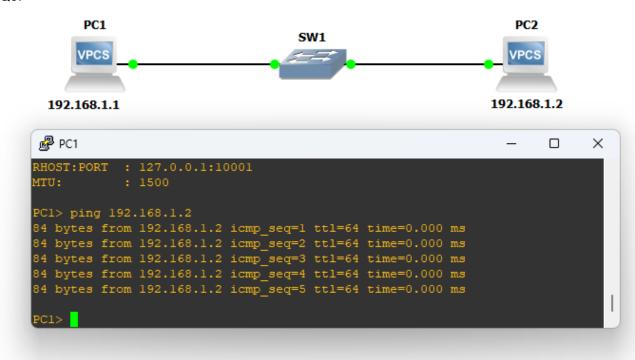
Pulkit Sanan (102103239) PC1 PC₂ **VPCS** VPCS 192.168.1.1 192.168.1.2 PC1 PC1 : 192.168.1.1 255.255.255.0 PC1> ping 192.168.1.1 192.168.1.1 icmp seq=1 ttl=64 time=0.001 ms 192.168.1.1 icmp_seq=2 ttl=64 time=0.001 ms 192.168.1.1 icmp seq=3 ttl=64 time=0.001 ms 192.168.1.1 icmp seq=4 ttl=64 time=0.001 ms 192.168.1.1 icmp seq=5 ttl=64 time=0.001 ms PC1>

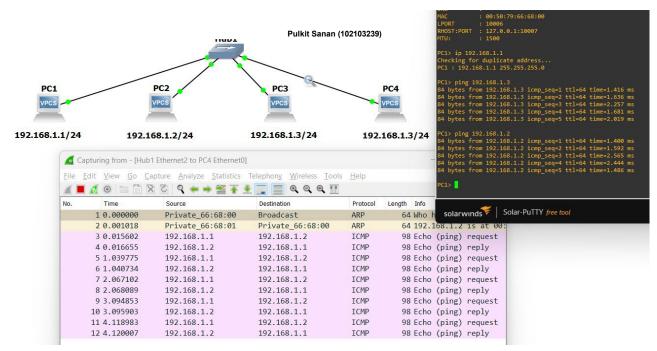
Q3.



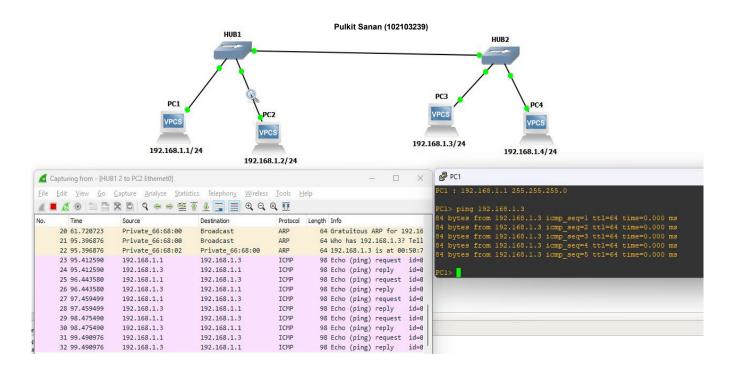


Q5.





b) Since a hub broadcasts data, the ping to PC3 also involves PC2



Q7. It can be seen from the Wireshark console that even though VPCS 3 & 2 are communicating, VPC1 is also getting the data due to the usage of a hub.

