Name - Nadeem Ansari Std id - 20711169 Subject - PMC - 202, Computer Networks Lab Class - MCA(2) Campus - Haldwani, Gehu

Q1. There is an organization A with multiple departments. Design a network for the HR department and the size of the department is 10 users. Also, show the communication between user number 1 and user number 5 of the network Name-Nadeem Anseri
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Ay-1 pler we will sen various reeps for derigh MR defartment with the 10 wers and Communicate blw was humber 1 and wer humber 5.

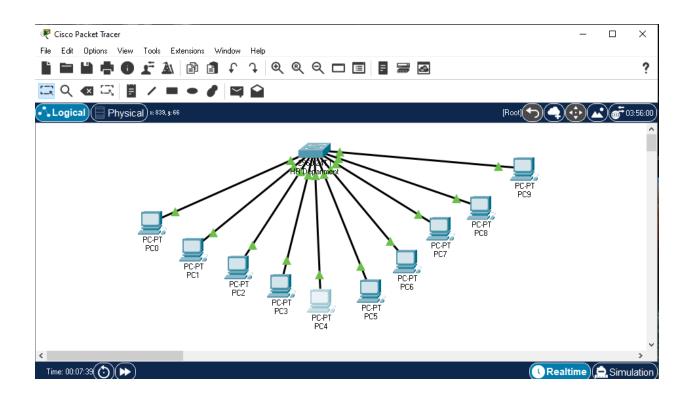
Step 1-th this 8step be will fake 10 PCis, "One Switch by ethersed wise

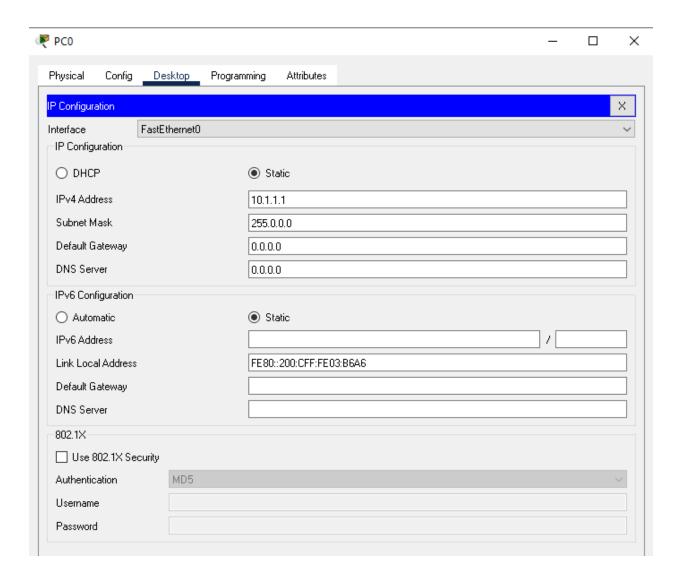
Step-2Th this rest we will give to address on of PCOR

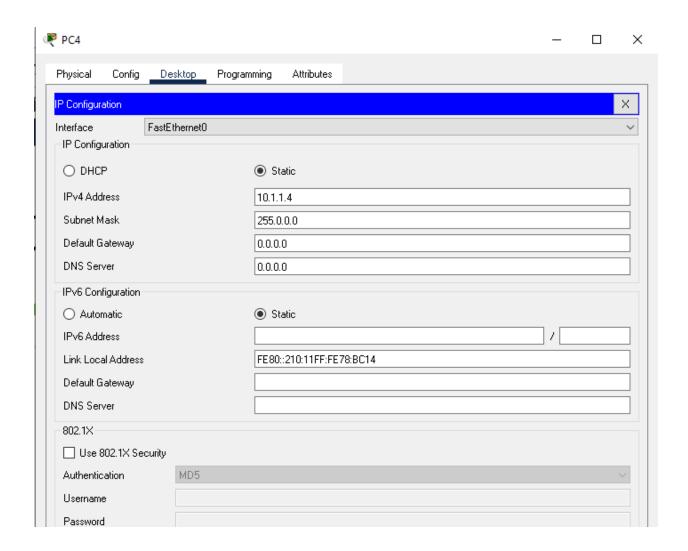
Step 3- In Pealtim added Add Empl. PDU (P) from PCO to PCY it means we work to send data from PCO to PC9

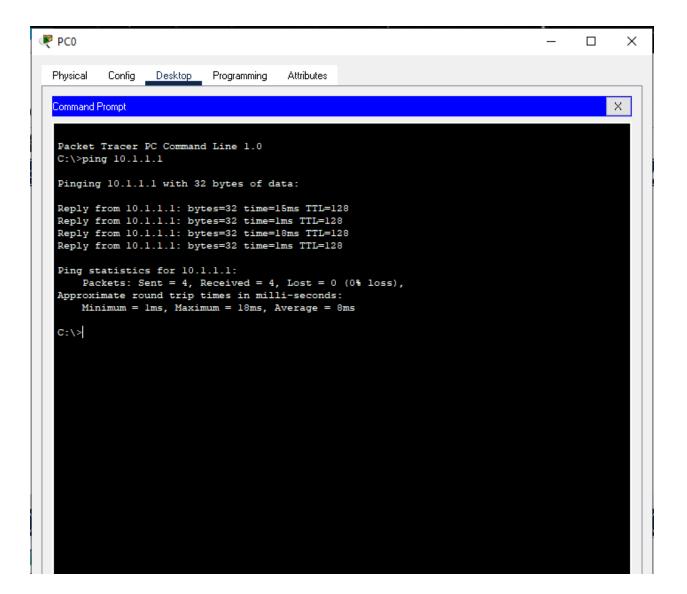
Styl- Now see in Smulation mode and play, it's showing data toam for. Data town from Source to Dentitation

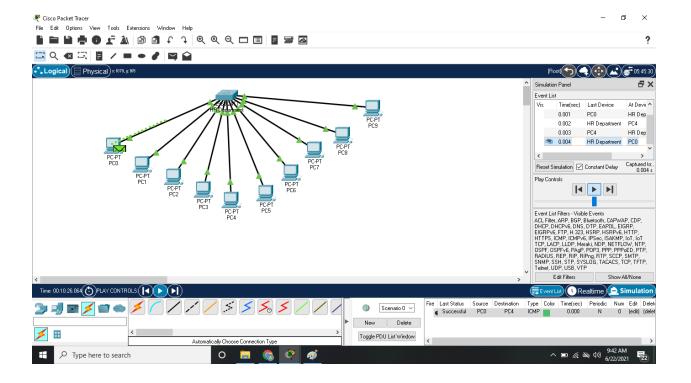
SJep 5- After Reached the distinction, the distinations First actualledgement to the bounce.











Q2. There are two organizations in a city named GEU and GEHU, design a network between the SOC department of GEU and GEHU. Also, show the communication between user number 1 of GEU and user number 2 of GEHU.

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BJ-2 Here we will take multiple Steps to perform this Step 1- In this Step be will take one Router the Switches in which Switch I Contain Soc defeatment of tretter and GRENO of SOC department.

Step 3-8witch + (Grev of defendment) has Connected with three devices Pro, P(1, PEZ & Switch 2 has, Contracted with 3 devices that is PC3, PC4, & PC5.

Step4- We Set the IP adderns of drike 2 CTEV & device (Mus humber 2) - for 1

Step 5- In Realtime added Rimple PDV (P) from PCO to Pcy which refus we send data from PCO to Pcy

Step 6- See in Smulation a play, it wile show data townfer. Data town from Source to Dertination.

Step 7- After Reached in destination, the dufinetion sent acknowledgement to the Source.

Act And he will the status and it will be success.

