Ex: 9 Date: 2019/24 Classfull Subnetting To imptementation of subnetting in who Packet tracer simulator Pororeduro: 1, Oreate the network using Switched, Frontes and PCs 2, the IP address will be as bollows -> Router RI & higabit Ethernet 0/0: 192.168.1.1 # Gigabit Ethernet 011:192.168.2.1 -> Switch 51 18 appear 192.168.2. & ho IP Exertering : 102-168:2.1 > LAN-1 · PC D IP Address: 192.168.1.11 hate way: 192.168.1.1 · PCI IP:192.168.1.12 State way: 192.168.1.1

·PCZ IP: 192.168.1.13 hateway: 192.168.1.1

· PC 3 IP: 192.168.1.14 hate way: 192.168.1.1 · PC 4 IP: 192.168,1.15 Gateway: 192.168.1.1 - Switch ST & NO IP -> LAN-Z · PC 5 1P addrell: 192.168.2.11 nateway: 192.168.2:1 The IP addered · PC6 > Routes RI IP address: 192.168.2.12 & his ably Eth Gateway: 192.168.2.1 K Gilgalit Et · PC 7 1P addrest: 192.168.2.13 hateway: 192.168.2.1 · PC 8 1P addrelf: 192.168.2.14 herteway: 192.168.2.1 · PC 9 1P addrell: 192.168. Z.15 hateway: 192.168.2.1

## Diagramatic Irepresentation 132 12 3/2 3/2 3/2 B output: Now cets allume the sends if PC 2 and seciences if PC7 while simulating & observing, we ge the simulation Panel to order -Simutation Panel Event List Vis time Lastaevico 0.000 0.003 PC1 0.005 Switch 1 0.008 Rowter 1 0.000 Switch 2 PC9 0.013 Switch? 0.015 Router 1 0.018 Switch 1 0.020 Dungtant dolaw

COLOSI Timelsie Prin Figure Last status source Destination @ succell tul

Student observation

a white down your understanding of subnets And Subnetting is the Process of diding a large If network and manageable section called subnets Each Subnet act of independent netutal & allow devices connected to it to communicate within the subset & control trabbic 6th subsety by Advantages of implementing Subnetting within a network

And; Lo efficient 19 management - baked on greglisement Lo Reduce Network congestion - limit broadcast torablic to in dividual Subney C/ Subnetting in your college?

Result:

the implementation che subnetting in ano not been done successbully

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