

# Mid-Term-Practical-Exam-Computer-Networks-PMC-202

Name:- Bhuwan Chandra Tiwari

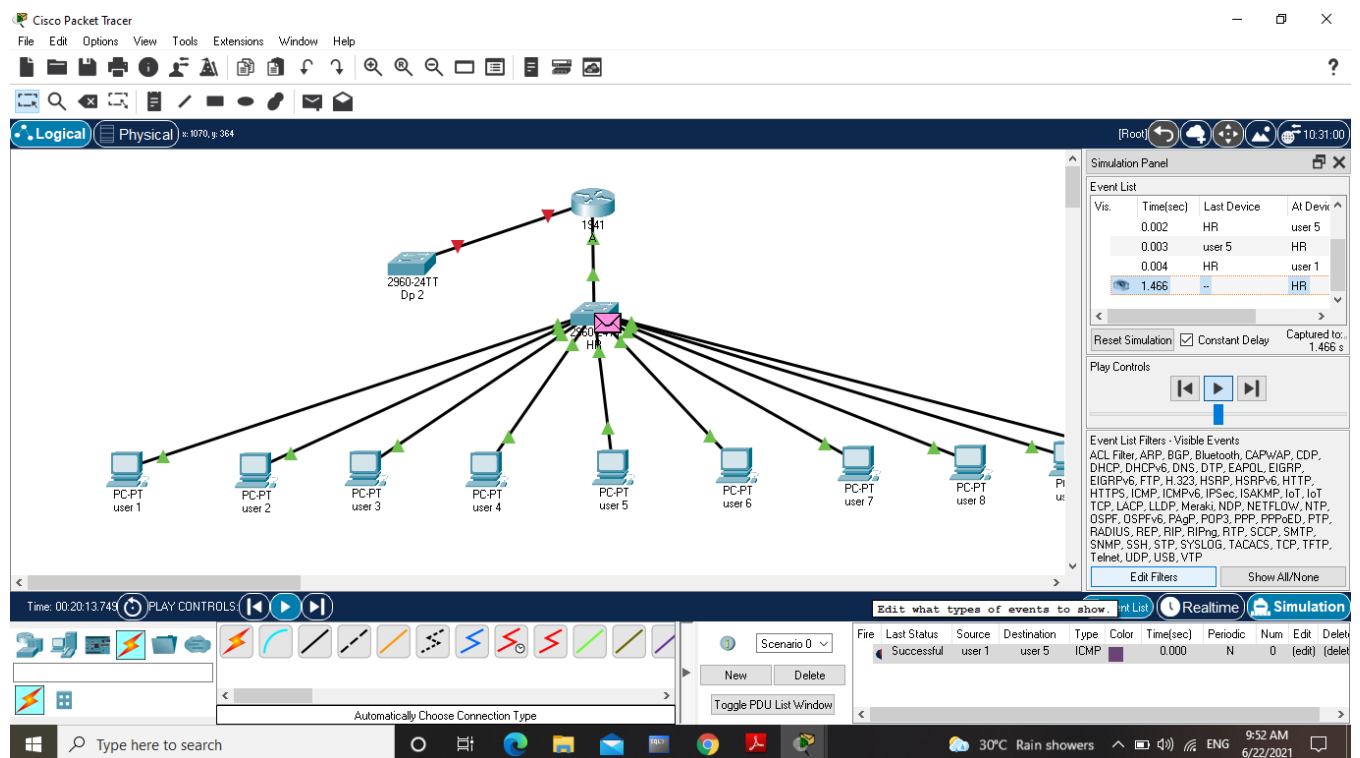
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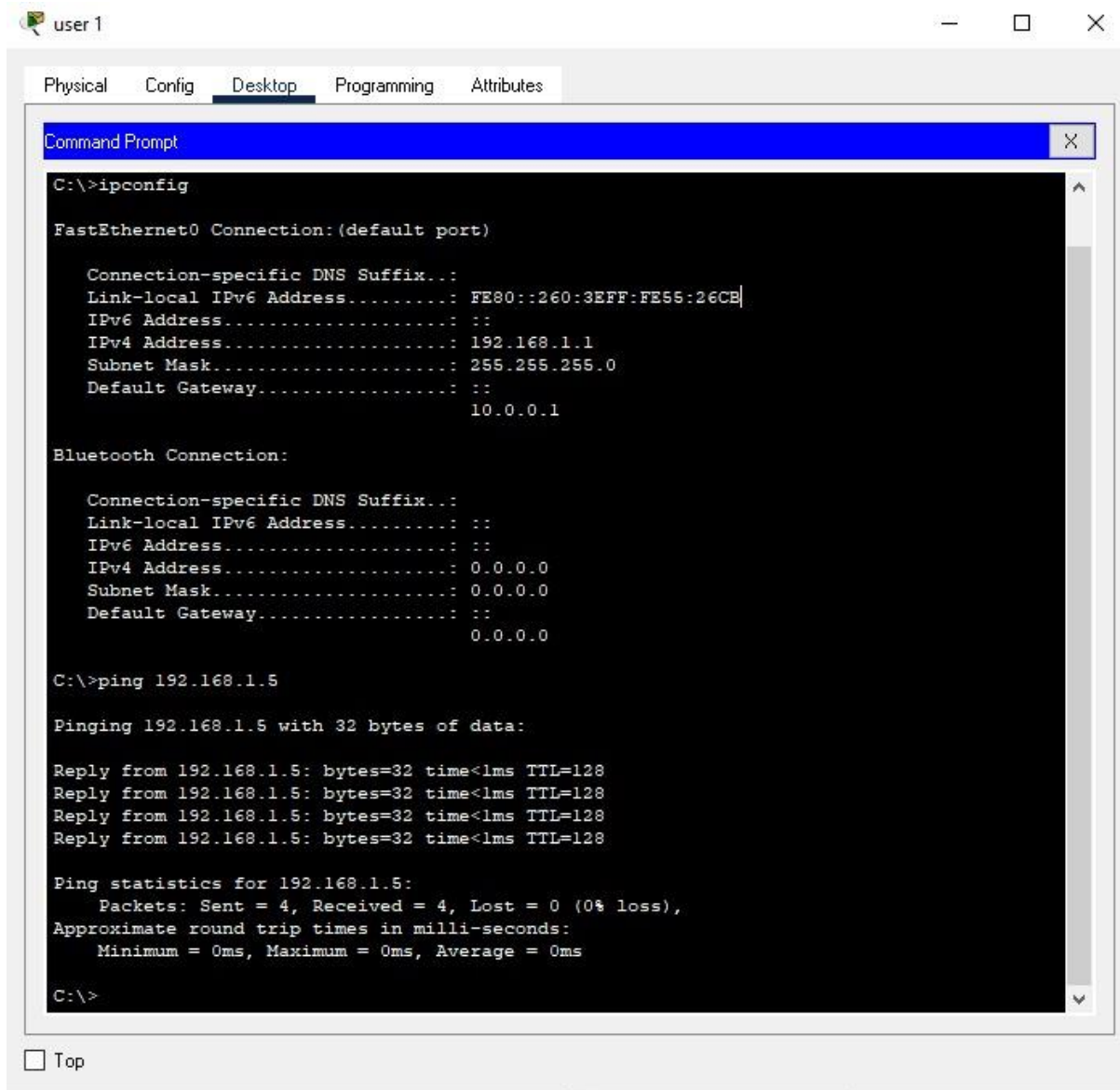
Roll-no. -: 2098002

## Hld-Campus

**Ques.1:-** 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.

**Sol:-**





**Steps:-**

Bhuvan Chandra Tiwari

S-ID  $\Rightarrow$  20711174

Roll No  $\Rightarrow$  2098002

HLD - Campus

Mid-Term Practical Exam

PMC - 202

Computer Network

Ques 11

Sol  $\Rightarrow$

Step 1  $\Rightarrow$  Create A organization "A" (Router)

Step 2  $\Rightarrow$  Create two department

i) HR (Switch)

ii) Dp 2 (Switch)

Step 3  $\Rightarrow$  Connect dep 2 & HR to  
organisation with the help of  
Switch.

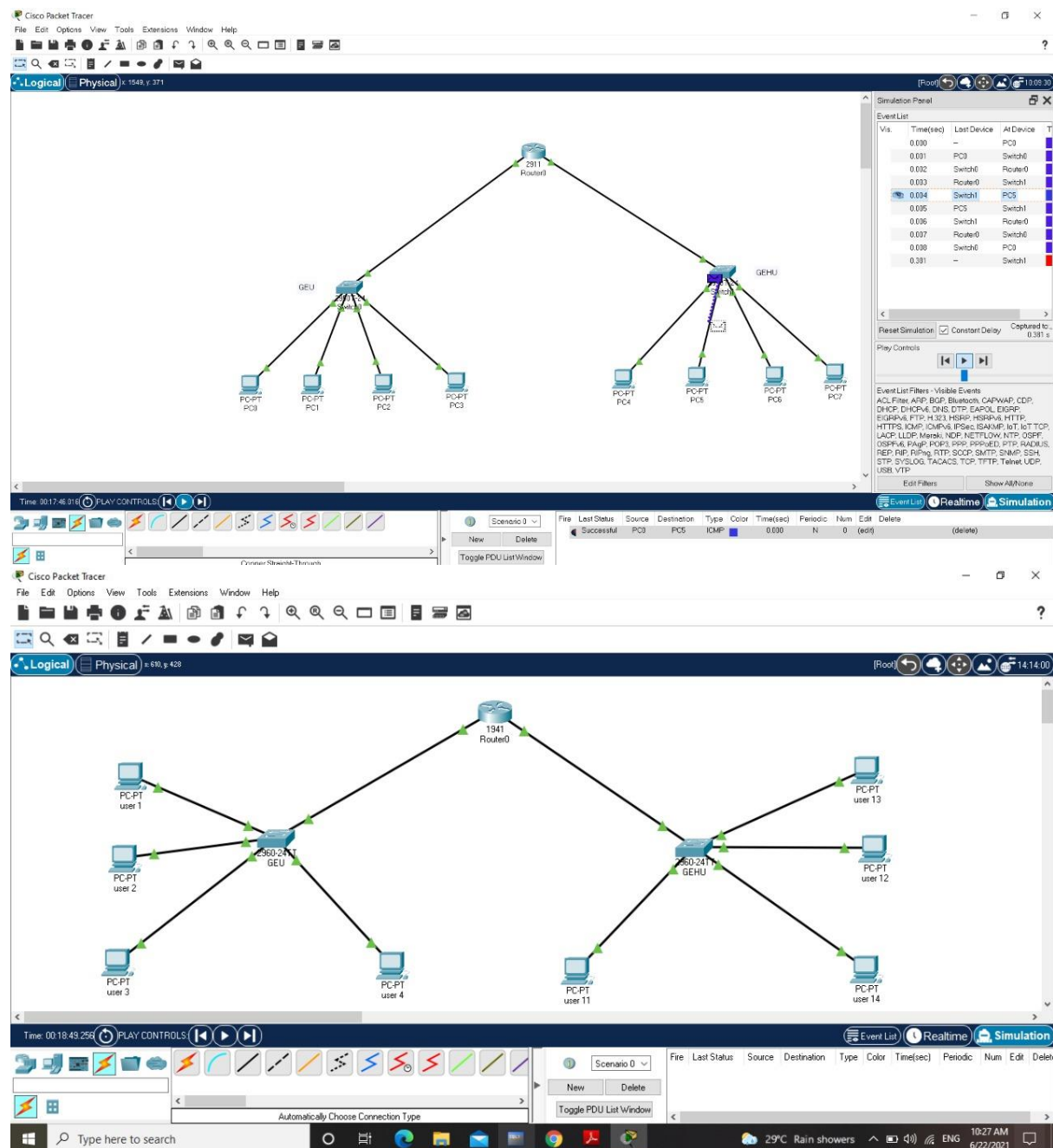
Step 4  $\Rightarrow$  All the users of HR Dept.  
connected with the LAN

Step 5  $\Rightarrow$  To communicate between  
user 1 and user 5, we use

Simple PDU

**Ques.2:-** 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.

**Sol:-**



### Steps:-

Ques-12 →

Sol<sup>n</sup> →

Step 1 → Create LAN1 with 4 PC and  
create LAN 2 with 4 PC

Step 2 → connect both LAN with router  
and configure the router

Step 3 → Default gateway for LAN-1 is  
10.0.0.4

Default Gateway for Lan-2 is  
192.168.1.4

Step 4 → Sending PDU to file if connection  
is established