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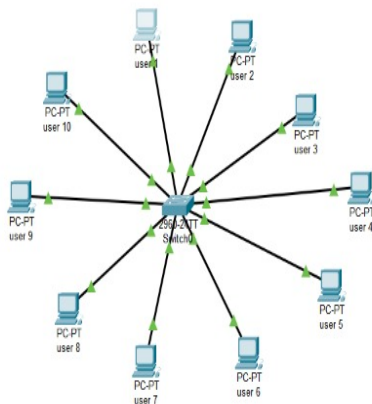Std. Id: 20561013

Q1.

Problem Statement :

There is an organization A with multiple departments.
Design a network for HR department ip 10 users.
Also show the communication b/w user number 1 and
user number 5 of the network.

Objective :
To understand how to create a wired Lan using
switch in packet tracer.

Steps :

1. Choose the end devices icon and extract 10 desktops.

2. Add a switch device to connect the desktops.

3. Connect the desktop via switch using cross over
   cable.

4. Give IP address to each desktop.

Q2.

Problem Statement:

There are three organizations in a city Name GBU and GEHU, design a network the SOC dept of GBU and GEHU, Also show the communication b/w user number 1 & GEHU and user number 2 of GEHU

Objective:

To understand how to connect LANS using the router.

Stepp:

1. Create LAN-1 with 4 pc and create an another network also with 4 pcs.

2. Connect both LAN with the router and configure the router.

3. Default gateway for LAN1 is 10.0.0.5, and default gateway for LAN2 is 192.168.1.5

4. Send PDU to see if the connection is

2911
Router0

GEU

Switch0

GEHU

Switch1

PC-PT
PC0

PC-PT
PC1

PC-PT
PC2

PC-PT
PC3

PC-PT
PC4

PC-PT
PC5

PC-PT
PC6

PC-PT
PC7