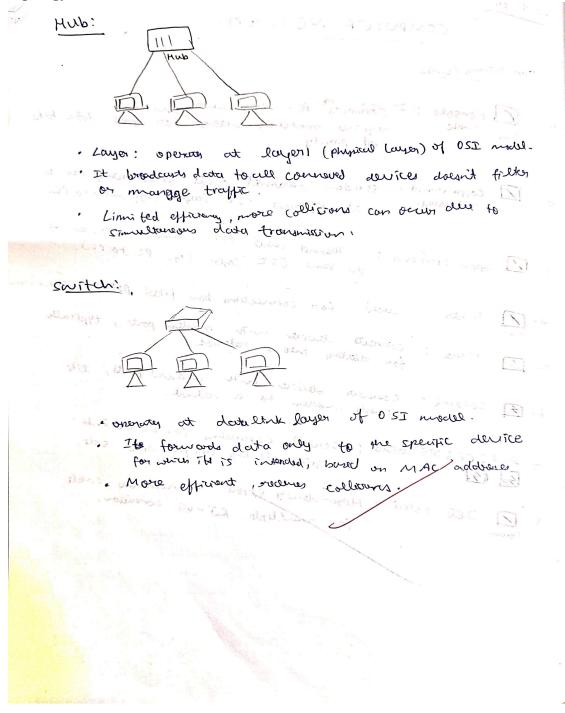
Program 1

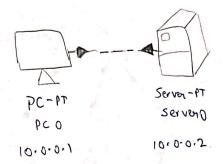
Aim: Create a topology and simulate sending a simple PDU from source to destination using hub and switch as connecting devices and demonstrate ping messages.

Topology, **Procedure and Observation:**



of Holy and South

1. PC to Server



Aim: To set up a point to point network bliv a PC and 14-14 N-20 PC-14 a sever, facilitating direct communication to observe data exchange. Extress transfer surprise there of mil

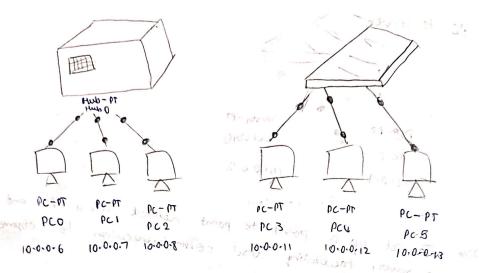
Topology: A PC 15 cornected to server way a cronover ethernet cable removed while the removed and

IP addres (of 10:0:0:1), Server - 10.0.0.2.

1860-190 San S. Dd. S. Observation: Direct commication to allews PC to commicate with somer, which is typical in small networks tooks sun as file showing, service requests on testing server response to client querie. and therefore to prove deline which some

6

2. HWo and switch



1 town F. A

Aim- To create simple network converting of 3 PCs

converted to a central hub and another network with 3 PCs

connected to a switch. This connection will help observe

the heroviour of data frammission many hub & switch device

Topology: 3 pc's are Conneved to a hub & switch may
Straight through ethernet cubles.

Observation: Hubs brusadiant partiets to all devices which may cause

Switch forward packets only to appropriate device by blancing MAC address, andry it was efficient in reducing traffic.

Screen Shots:

