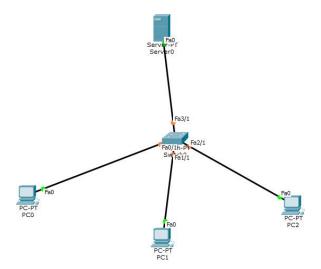
18|12|2024 Experiment 9- To construct simple LAN and understand the concept and operation of Address Resolution Protocol (ARP)

## Observation Book:

emperement No: 09 18-19-24	98
- constraint sample LAN and under	stend
encund and operation of	
resduled protocal (APP)	4414
To polo qy:	,
300 ACh-PT	1
Fao	
rad!	
simuro 10.0.0.4 Fao	the Marie
Fao	1
PC-PT PC-PT	- 61
1500	PC2
	PCZ
proceedure!  1. open cieso pullet Arueir  1. open cieso pullet Arueir	11-150
1. open cieso pullet Ancier 2. set up decies es show is cabour	+0p01094
2. set al la paddres for the	dueir
2. set up clavies es son 3. configure Du Ip address for the as show 4. swith to simulated mode.	line and
4. swith to smulle from a du.	Linciteir
s. Direct ascorper pour from a du.	recogni
to Source	
6. stant simulation	
7. Peder insput foot and open	APP
terber for all decies	

Risuelto swith ell -> Show mac address Table Mac Address Typi ponds NLAN 0001.US6S. 6008 Dynuis 703/1 0001. Usec. suds symanie Fas/, 0002. 4435. JBC2 Dynemin 791/1 0020. d3sb. 3846 Dynamic 1=99, Enificacy ARP tables are empty. After simulation, begin the APP tubes of source oues destoration change. PCI IP Hardware starface source. 10.0.0.3 0001. USC . 2AD3 12Acc PC 2 Hanlesan Intern Distinction 10.0.0.2 0009. WA35 D3(2 FAC) obscruates D' Infacy, the ARP faber of all all deies are empty beccess no commentale, has account , will so mac-Ip mappony is cached rolun on devie attempt to communicaty with enother. of sends an App riquest to deference the pape actions corresponding to the Ip address of the foregited chia. The forgeted diese with ARP onphy, updating App turbu any both ends. The switch build it's MACADOMS derbu by mapping MAC address to pents based on receiving

## Topology:



## Output:

