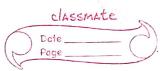


ir .	
Ь,	Procedure:
	Unio Hul:
i)	Add a generii hub and seven P(s to the workstare.
ù)	Configure the IP address of each P('s in the Configuration to). Ensure that the IP is different for each device.
	Coment all PC's to hus very wifer straight wire.
iv	The hub and P(is connected to each other's fait others thornet connection.
v)	If the no of parts is insufficient then add entra part by clicking on the dence. Turn of the dence and add the nevertery parts:
vi)	Write the IP's of all demier in a note below the
	Real time:
	Scleet a scource PC and in the destrop - Pals relect the command prompt oftion. In command prompt type "ping 10.0.0.3". This pings the P(2 and a response in generated in P(0.
	in generated on P(o.
	Simulation time:
	Select a simply PDV and select a source and destination
	Computer Clicking on only capture oftwar allows in to see how ports are transferred to and from dervice.



1-1	Using Smither ?
L. W	The second was the second seco
i	Add a generi switch and three PCs to the worrhave.
S. P.	in English part [] for the
ii)	Configure the IP addresses of each P('s in the Configuration to). Ensure that IP is different for each dance.
	tas. Ensure that Il is deferent for each davice.
Part I	
	Connect all PC's the tre smither write copper straight through
iv?	If no of ports are insufficient them add entra ports by clicking on denie. Turn of the device and add the never any ports.
	by clikily on device. Two of me device and add
Telleria	me necessary ports.
	le le de la
<u>v)</u>	Write the Ir's of all dernies in a note below the demis
	sorte no sets of
	Real time:
	Select a source of and in the derbitage tell select command
SA.	prompt oftion: In command frompt oftion, puris the destinate
	Je Spenfung Us +1
ton	Simulation time: Indian temperature
1 A	Select a simple PDU and select a source and distinction
	computer. Clicking on cuto copture oftion allow in to see
	how parkets are transferred.
	the manufacture of the last war.
Ь	Hybrid Mode:
i	Add a smile, 3 hills and 12 P('s to morkyono.
	our denset Busts 1/2 denser I duldation of
ü) Connect the three hills to the smile and 4P(1, to each
	of the hubs wing copper cross over and wafter throught
	through rurer restainely:
100	and get person but june in the second of the

i ii)	Configure the IP of each of the PC in configure and add a note below each PC containing IP addresses.
· (c) - ₹1	
	Real time mode:
NEDLAK JO	Select the P(you want to send the parket from
	destriction PC by sheirlains the It address
edment to	and open its command prompt. Spengy the distinction PC by spengying its It address. A response is sent by the distinction PC to
30	Source PC.
disa	about the word transfers in that to a 1000 miles
160	Simulation made:
	Add a simple PDU by selecting the pair of PC and Chih on ache capture from right panel.
Santa Land	Chip on auto capture from night panel.
4	Osservation:
	USS COLORED !
James >	Huly: 22 1 1 July 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Artestii	Cearning outrone:
	ST TO
<u>``)</u>	When a source sends a parket in the network
'	the hus services the parket and ends broadcast
61. 8.	oner the natural, i.e, it sends doily to all the
	it matches with the specified address anoth the
	parket and arknowledges it . Kemening modes
	driviel / ignore the merrage.
	U U
ũ)	The communication between hus and end downing
N	or evasured wrough copper straight mough une
tounda	is established torough copper straight through muse and they belong too different layers.
w)	
	by chiking on the dawing and addry the neurony
MAN A TOP AND A STATE OF THE ST	portr.

	herett: 11 = int to - alt 1 = 5 = a - I want to
	1(> pinj 10.0.0.3
	pinging 10.0.0.3 with 32 bytes of data.
	lefty from 10.0.0.3: byte=32 time = am.
	Relly from 10.0.0.3: byte = 32 Time = 0 ms.
	Refly from 10.0.0.3: byte = 32 time = 0 m.
	Refly from 10.0.0.3: byte = 32 time = 0 ms
	Ping statitui for 10.0.0.3
	Parlish sent = 4, received = 4, last = 0.
Y: 1	a thing a six of the state of t
	Cuiter: 15 al pale of a contract of the contra
	learning outlione:
iv	When a source device rendy a message to the south
	one a connection is established. Which takes some lim
(1)	called an learning time, the switch receives the packet.
E Lz	It initially broadcasts the parket to all connected
Was I	devices to locate the destination. Once the destination is
2	located the menage is sent only to that device.
1) \$	
ü)	The connection between the suith and end device is
	established using coffer straight trough as they belong to
	dyprient network layers.
	To go of Inthe can be adoled How needed by chiking
w.	on the demie and adding the necessary ports
- 14,V (2,	J. J
	Result:
la in	P(> ping 10.0.0.2
	perging 10.0.0.2 with 32 bigles of data Reply from 10.0.0.2: bigles 232 time = 1 mg
	Reply from 10.0.0.3: bytes = 32 time = 0 ms.
	The same (0.0.0)

	Page
	leply from 10.0.0.3: bytes=32 time = 0 ms
	Ping Stalistur for 10.0.0.3:
	Parkets: Sent = 4, Received = 4, hart = 0.
	advices in the first of the country of the
	Hybrid Mode
94.0	Carninj Outrone:
i)	The similar and hus are connected through coffer
/	crow over as they belong to the same intimork
	laws hit PC
	coffer though an tray belong the disperent
- hote of a t	natural layers.
wal e	The state of the s
1 1	The mersage from the source PC to destination in sent through the has which then sends to all
T. N.	the connected P('s and the suith. The suith they sends
	The marrage to the restricting has and to be
	the marrage to the respective hus and the hus sends the marrage the all its considered PC.
	The destination Pl acknowledges that it has received the merrage by rending a acknowledged back to the source PC.
and purels	received the merage by rending a acknowledged
	back to the source PC.
77.	The foundation of the contract of the state
	The number of parts can be added it necessed by clicking on the damie and adding the necessary parts.
	helenary pour.
	the state of the s
at has	20 - C - C - C - O C - C - O
p. d.	E and (See at Several and See
	195 and the retail E.o. out would be