		001
-		Practical No. 2
-		
-		Aim: - Using Packet Tracer create a basic network of
-		two computers using appropriate network wise. Use
_		static IP address allocation and show connectivity.
_	1	Proceduse:
_		Static Routing 16 also known as non-adaptive
_		souting which doesn't change the souting who table unless
_		the notwork administrator changes or modifier them manually
_		Static Routing does not use complex routing algorithms and
		it provides high or more security than dynamic routing.
		Steps:-
_		Take rower and two pris,
		- click on the mouter,
		- go to physical,
	-	- select HWIC-4ESW / 4 keys,
	-	- switch of the power,
	-	- drag and drop,
	- 11	- switch on the power
2)		connect the pois to muter: - here use copper cross-over
1	11	oire
		- pco :- click fast Ethernet O
		router !- click Gigabit Ethernet 0/0
	_	- pc1 :- click fast Ethernet O
1		router: - click Gigabit Ethernet 0/1
	11	nen,
		alial on the mouder

-- then select config,

	030
	select interface:-
/	Gigabit Ethernet 0/0 click ON
	GigabitEthernot 0/1 click ON
35	Give IP address to pco:-
-	click on pco then go to desktop select ipconfigura-
	1100.
	by default static is selected.
	jp address: - 192.168.1.1
	subnet mask: - 255.255.255.0
	default geteway: - 192.168.2.2
1	then,
	go back to the desktop, go to command prompt,
	type a command :- ipconfig
4)	Give ip address to pol! -
1-	click on pc1 then go to desktop select en ip configuration
	bydefault it's already selected static.
-	-ip address: - 192.168.2.1
-	- Suhnet mask: - 255.255.255.0
	default gatway: - 192.168.1.2
- 11	
	go back to the desktop, go to command prompt, type a
C	ommand: - ipconfig.
11	
/	Give ip address to router:-
	sive ip address to router:- select router, go to the interface, select Gigabit Ethornet:
	10
0	abit Ethernot 0/0 (G0/0): - ip address 192.168.1.2 - subnet mark 255.255.255.0
Gig	abit Ethernot 0/0 (60/0) 10 abar cos 255. 255. 255.0 .
th	en

		059	4
		select Gigabit Ethernot 0/1	-
	/	GO/1:- ip address 192. 168. 2.2	+
/	_	Subnot mark - 285.255.255.0	+
/	_		-
/	6)	Allocate static ip routing:-	1
/		select router, go to routing, select static	-
/		Add the range: -	
/		Network: - 192.168.1.0	
		mask: - 285.255.255.0	
		next hop: - 192.168.2.0	
		Add this also:-	
		Network: - 192.168.2.0	
_		mask: - 255. 25T. 25T.0	
_		Next hop: - 192.168.1.0	-
_		L command :	-
_	4	Ping pco to pc1 and vice versa: - use ping command	-
_	.	select pcO, go to dasktop, go to commune par	-
_	1.	- type ping command:-	-
_		110 110 0 1	-
_	1	select pc1, go to dasktop, go to commune	-
-	#	- type ping command: -	4
-	#	-> ping 192.168.1.1	4
-	#		H
	#_	ransfer message from pc0 to pc1 and vice versa:-	H
8)	11	select the message icon on upper side	H
		select the money dang to pco and pcl	H
		then drag and drop to pco and pc1	4
		go to simulater on the play button	-
		and then click on the play button	4
	th	en cm stop	4
		en click on realtime - for stop	
#			9

						(6	
					ce brief.	select Towler go to CLT, type commands	