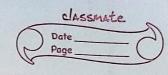
	Exp No:4 Date: 31/7/24  elassmate  Date Page
The	Aim: Setup and configure a LAN (local area network) using a switch and Ethernet Cables in your lab.
	A Local Area Network (LAN) refers to a  Network That connects devices within a limited  area, such as an office building school,  or home. It enables users to i have  resources, including data, printers, and internet
Don	access. LAN connects devices to promote colloiboration and transfer information between users, such as computers, printers servers and switches. An LAN switch serves as The primary connecting device managing and directing communications within the local network.
	Plan and Design an appropriate network topology taking into account network requirements and equipment tocation.
2)	you can take 4 Componer Computers a switch with 8, 16 or 24 points which is sufficient for networks of These sizes and 4 Ethernet cables.
3)	Connect your computers to network switch via an Ethernet coble which is as chiple as plugging one end of The Ethernet



coble into your computer and The other end into your network switch. 4) Assign IP address to your PCs, Log on to The client computer as administrator or as Owners. click Network and Internet Connections Right click Local area Connection ( Ethernet > bo to properties > select Internet Protocol (TCP/IPV4) -> click on Properties -> Select use The following ip address option and assign ipaddress. 5) Configure a network switch. Connect your computer to The switch
To access The switch's web interface, you
will need to connect your computer to The
switch using on Ethernet coble. bug in to The web interface. Open a web brower and enter The IP address of the switch's web interface.

Enter The weekname and presumed to log in. 3. Configure basic settings: Once you're logged in you will be able to configure basic settings for The switch. 4. Assign 17 address os: 10,1.1.5, subnef mask 27 255,0,0,00,

	Date Page
6)	check The connectivity between switch and other machine by using ping commend in The commend prompt of the device.
1)	select a folder, -> go to properties >  click sharing tab -> share lit with  everyone on The same LAN.
8)	Try to access The shored folder from other computers of The network
2926	student Observation
	PC-01 connection PC-02
SA A	ald to coll to the datas
	Result!
	The connection have been done successfully.
	myden -