

Aim: Setup and Configure a LANI Closed Area networks using a Suutch and ethernat Cables in your lab.

what is LAN ?

network that Connects device ewith Umited area,
Such as an affice building, School, an home
It enables users to Share masounces, including
data, pointers and internet access. Lan Connects
devices to promote Collaboration and transfer
information between users such as Computers,
finiters, Servers and Stutches Each directed
Connected an a device an a can stutch, Can
Communicate observe transfer

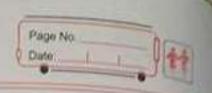
How to Sotup a LAN!

Stopp: plan and design an appropriate network topology taking into account network trequirement and equipment location

Step 2: you can take 4 Computers, a Switch with 8, 18 an 24 parts which Is Sufficient for networks of these and 4 ethernet Cables.

Stop 3: Connect your computers to national Switch, via an ethernat Cable which is simple as plugging one end of a ethernat cable into your network Switch.

>>>



Slope Assign IF address to your Pas

an as owner.

city click network and Internet Connections.

click local over Connection CFthank She
to proporties > Solect Internet protocol

CTCP/ IPV4) > Click on proporties > Select to
the following IP address option and assign

Stop 5: Configure a network stutch

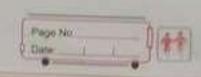
ci) Annact your Computer to the Switch! To account the Switch's week interpress you will need to Connect your computer to the Switch using an ethornal Cable.

civ long into the wab interface: apon a wab browser and enter the IP address of the Switch in the address bar This should bring up the login page for the Switch's was interface

elle Configure basic Sattings! ance you've logged in you will be able to configure basic sattings from the switch

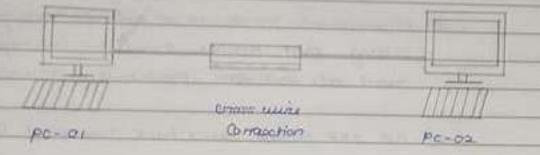
Step &: check the Connectivity between switch and other machine by wing ping Command is the Command prampt of the device

Stop 7: Select of forder > go to proporties > Click sharing tab > share it with everyone on the same LAN



others computers of the natural

Student observation



Result:

Thus the Satup and Configure of LANIC Should and absorbed

Jen 10/8/124