Dote: 5/8/24

Ex- 4

Area Nelwork) using a switch a

Ethernet capter in your lab.

What is SAN?

A Jocal area Network (JAN) refero to and work that connuts devices within a limited area , buch as an office building, school, or home. It enables poloprious, ce ruo cur espara ot avan Princeros, and internet acess. LAN connecto devices to promote collobotation and -area resulted notion tofai ref renort such as computors, printers, sorvers and switches. A local area relevor LIAN) Duitch sover at the primary connecting arrive, managing and directing communications within the Local number. Each connuta decide ona LAN Switch can communicate directly with each other jour owing for fast a secure dota traves for

How to set up a LAN

Prediction and Dasidu ou abbroblione
whomat remains or familiant
memorie recommends or familiant
location

Step-9: You can take A computers,
a builten with 3/16/01 24 ports
which is sufficient to rutwork
of these singes a A ethernet cables

Step 3: Connect your computers to
network buitch via as Ethernel
cardie, which is as simple as
plugging one erd of the ethernet
cardie into your computer at the
other end into your retwork
buitch.

Step4. Assign I Padalters to your

- Holm invotator as a owner.
- 2 WCK Network & Internet corrections.
- 3. Right wich Local Filter Consults

 /estrument -> 60 to proporties>

 Selly Interior protocol

 [TCPITPVA) -> Wick on Proporties

 -> selly use the following ip

 address option be assign ip

Interred Protocol version 4 (TCP/1PVA) Propries
General
You can get ITP settings assigned automaticuly if your nutwork supports this capability. Otherwise I you need to ask your nutwork admini I or the appropriate IP settings. O Obtain an IP address automaticuly Use the following IP address JP address: JO. 1. 1. 1 Subnet mask: Default gareway: Default gareway:
O Obtain Drs serves addrussom ofically
Prefford Drus server: Alternal pus server: Alternal pus server:
Various settings upon exit pour mud

similarly assign IPadoltesso toall the PCs connected to Switch.

Steps. Configure a retwork switch.

I connect your computer to the switch.

Ho access the switch's web interface

I you will need to connect your

computer to the switch wing an

etherrue cable.

Login to the web inventors. Obser a web browsen wenter the IP accoress of the switch in the address ban

3. configure basic settings once you're 2099ed in, you will be able to configure basic settings for the switch

4. Assign IP address as: 10.1.1.5, Subrut mas Ks 255.0.0.0

Step bis check the connectivity between switch a other machine by wing ping command in the command prompt of the dwile

Step7: Sclect a folder 1-30+0

Properties-> Wick sharing tab->

Share 1+ With everyone on the

some fan.

Steps: Try to a wastre shared forms from others Computers of the network.

Result: Thus The study of ethernut cable is successfully studied.

Student observation: Date: 018124 Cross-wire connection PC - 01 Fronto PCan Panulous & when is promised mocus 1) PHONELLY OUR MOORE IN CLASSICALINOS Draw a not diagram of the LAN in the configuration observation book. That you have implemented in your lab. Write
the ip configuration of each accord device. Little of ton ob storage FAFT, OU AS · + 100 00000 which transport lay or protoco 18 more poly brong what is the part number 5,10001049 9+H+ yd Dames trop was word 9 9TTH · Tombro Ag see apposi toustourd at zone ? It is broadoust IP address which to used to sort pockers. Regult: Thus the Espeniation on packer express for the money is studied bourved a bow