AIM: Setup and configure a LAN using a Switch and Ethernet Cables in your lab.

How to setup a LAN ripe, Markins by wing pung commande

Stepl: Plan and Dosign, an appropriate network topology taking into account network requirement and equipment location

Steps: Yourcan taket computers, a Scotch couth 8, 16 or 24 ports which is sufficient for networks of these sizes and 4 Ethernet cables Steps: Connect your computers to network switch via Ethernet cable Which is as simple as phygung one end of the Ethernet cable into your computer and the other end into your computer retwork switch

step 4: Arrign IP address to your Pi's

1.109 on to the client computer as Administrator or as Oconer

- 2. Click Network and Internet Connections
- 3. Right click Local Area Connection/Ethernet

Stepts: Configure a network switch

- 1) Connect your computer to switch.
- 2) Log on to web interface

3. Configure basic sollings once yours larged ?. you will be able to confeque barresilling Akcign IP adobises as 10.1.1.5 kubnot Mark House to datables in species takes step b: check connectivity between switch on Other Machine by using ping commandon the command prompt of device and possible personal Step-1: selecti an folder - 90 to preparties -Click shaving lab > share it with averyon to the same LAN Step 8, Topy to accour the showed folder from other computers of the network. student observations. your computer and the the east CROM-coiae client you nedge cas is of salor on coner surbbo 91 21.0/12, 11.16:816.0:11.12 1/2 Accordate 1/21.16.2.23 s significant state of the second Boract: the statement of the st 

IP configuration: 21 - lastituit Node 11 " MIL TPV4 Address: 172.16.8.82 : look existens sales! no. the insign Node - 2: HINDER SHOULK IPV4 Addrew: 172. 16.8.83 Porket Shiffer Outcome :-The file that sent that through [click Pun . [1172.16.8.82] -> /USers lipec 1/Desktolo] 13 Sent Successfully. At I show the the totale of the Yourance Protocok fields in the Marages - Evente program -never sends tackets itself the packet addressed to it realities a cupil of an hamit (Levelsa) tros2) Rick et Smilter Structous Diagnostic Toda cimukgjP非 With tellal special taxa - langled and the Dolo salw + Result: xo r dualeuxilic-Thus the set up LAN is using switch and Ethanel cables is succenfully connected and Sont files.