Computer Network Laboratory 9/06/2023 Sample program Menter motorprograms alek a municipal against Definitions: LAN (Local Asua Network):

A LAN is a reduction of devices connected together in one physical location such as building of five or norme. WAN (wide Anna Network):
WAN (wide Anna Network):
A WAN is a large network of information
that is not tied to a single location Ethernet: Sures of managery Etherner is the inaditional technology for connecting devices in a wind local area network. IP address: Windows II all les brio An Internet Peratocal (IP) address is a unique numerical identifier for every desice or network that connects to the internet potal as we Hub: Hub is the antral part of a circular object Switch: Switch is a high-speed deuta that necesius incoming data packets and redirects them to their distinction on a local area network. Sanuar. A server is a computer program or device that porovides a service to another computer program and its user, also known as dient End devices: End duices are either the source or destination of data transmitted over the network 10.0.01

Nodas of A node is a point of intersection connection with a data communication network. Steps involved Step 1: Donag and drop the PC and Somer to workyou Step 2: Firstly, Coppur straight-through cable was selected and connected the devices with it If ned lights are shown, remove that and copper cross-over cable is selected and green lights are shown Step 3: Cliak on the PC While paying attention to the link lights, turn the power on, off and on Same step is followed for server. Step 4. Open PC configuration window, set the display name as client and 19115 server to 10.0.0.2. Under Interface, click fastetherner and set the IP address as 10.0.0.1 5: Open somet donfiguration mindow, change the display name to web some 'and under interface, click jastethernet and set, the IP address as 10.0.0.2. Step 6: Open server source, click ions and set the domain name as www firestlab com set the IP address as 10.0.0.2 and dick add step 7: Same the work using the file > same as the option and boat o no materialist suff getugerou a et acuta trans of winds to set and its use also And Chient 10.0.0.2

10.0.0.1

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Realtime [In command Prompt]
                    stabilities has grategat a stave.
peng 10,00.
Ringing 10.0.0.1 with 32 bytes of data:
Reply from 10.0.0.1: bytes=32 time=1ms TTL=128

Reply from 10.0.0.1: bytes=32 time=1ms TTL=128

Reply from 10.0.0.1: bytes=32 time=5mb TTL=128

Reply from 10.0.0.1: bytes=32 time=5mb TTL=128
              10,0-0.1: byth = 32 time: 3 ms
Reply from
Peng statistics for 10.0-9.1:
Packuts: Sent = H, Recinud=H, Lost=8 (011 loss)
Approximate nound trip times in milli-seconds:
 ping 10.0.0.3
 ping 10.0.0.3 with 32 bytes of data:
 Request timed out. with proceeding it
 Request timed out I want water all go o new
  Request timed out the ent 1/0 is detine
 Riquest timed out.

Ping statistics for 10.0.0.3:
   Packets: Sent = H, Received = O, Lost = 4 (por. loss)
                             10.0.01
                                          179-59
        79-09
                                          0.09
                                                   5.0.0.01
                                                  19-09
                              M-dust
                                                   139
                    The deline
                               Odali i
                    Switch
                                                 10.0.01
                                           79-09
                                           PC 2
         009
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