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Har	ish Rayavanda	27.8. 220	701087	omputa
NAME:		STD.: SEC.:ROLL NO.:	SUB. Ne	twork Observation
Harish Rayavandar. 8. 220701087 Computer NAME:				
S. No.	Date	Title	Page	Teacher's Sign /
			No.	Remarks
1.	13/4/2024	Rasic Networking	M + + 100	11.0 N
		Commands.	1-8	V
2.	24/7/2024	Study of different types	4	2417
		of network cables.	9-12:00	0 110 8
3.	31/7/2021	study of Packet tracer	İ	3/17
		tool a 118 neer interface	13-14	V3 (8)
4.	05/8/2024	setup and configuration	N -3208-	h era
	,	of LAN network using		418
		lable ((3010).	15-17	1100
5.	05/8/2021	Packet tracer tool:		112
		Wiseshowk	18	[(0
	ş 1 t	Tradensari array lakesik	. [100
6.	21-8-2024			219/1279
		Hamming wate - Code Com	19-24	-(11 /
		0 11		
7.	\$2.09.2024	oliding Window		
		Protoco.	25-28	18/9/11/4
	0.10	16 1. 1 10m		11 ~ 8
<u>8a.</u>	9,10,2024	Vistual LAN		Valle
89.	16.10.2024	Wireless LAN		
	10,10,000	dubnetting in CISO	,	11 0
9.	10 10 12024	Packet Trace		CILL
		I WILL TO THE STATE OF THE STAT	1	4(1)
10	TO . 10 . 2 004	Internetworking with		O. v
10.	20.10.202	sources In Cisco		19/11
		V 00001		
11.	2,11.2024	dimulate stratic		W. T.
-11,		Poutry		9(1)
	1 1000	0		
	1 - 7	42		
			×	

Alliding Window Protocol Ecop No: 07 Date To write a program to achieve obiding Aim: window protocol for achieving packet francismi mon without parket loss. Step 1: Initialize variables to set # of sentpacket to 100 / total packets to total of packets to be sent, set window-size (awarding to window try heeded). step 2! loop until all the packets are sent, while (sent-packets 2 nototal-packets). step 3: Wait for acknowledgement from the receiver function : and if acknowledgemin is received send heset pocket Elen resurd the packet. Do the above steps der all packets, till all packets are sent

fep 6;

Program don't water's plan. suport random Import time def estring-to - bits (message): ? a stien of return ". join message [i] for lejan pargellent message))) defor create-packets (bit-string, packet-size=1): list = []

waterouper t in range (o, len (bit string)) packet six) list append (bit-string [i: i+ packet size) yes warries of princesso refum lit. def serder (window_Tsizet: parkets): sent-packets = len (packets). while & sent-parkets & total-parkets; prints (1 sender: Perding packet ? sent. packets + 13 : ¿ packet [sent-packets] 3") alt-received = receiver (sent-packets) packets [sent-packets]) if ack-received ===1: print (strates: Threaut, penseroly parket")

point († " sendir: Acknowledgement occeived else for parket of sent-parkets + (13) sont-packets +=15 12812 walnutus ett rotats receiver (packet - num, packet - data): who strong def Home . sleep (0.5.) H : Washing prison : while ij random. vandom () <0.4: point { (1 " Receiver : Packet & packet num · serous, Ach now ledgement received "Hos profits. refum -1 borisons dustant & rovisons printf (1 " Receives; facket & packet_num +1 } received: 2 of packet-data y m) 32 : culsos sording packets message = input (" enter the message") bit-String = string-to-bits (message) parkets = create-parkets (bit-viting) point [1° Original Message; of message?") print (1 1 sit Arive; { bit-string 3 ") print (prachets: { Packets y ") Window, sixe = input (" Enter the asindow sixes") Sender (evindow_ size. packets).

Output: Frank plantounded : Rebuil " 1) triby Enter the (message: stello. Enter the cuindow rize: 21 = 6 1 1 to try - from packets: [Mit : leage ! Ment : fortage) revision Sender: sending packets: "H' (. d. sent Sender: sending pachets () meting esent Receiver: 1 packet Received 1) 1 tring sende : Acknowledgement received for packet 1. Receiver: 2 packet received 1- 1955 Ferder, Helzwowledgement packet 2 sender: 30 packets: 2 1 ent sende : sending packets ! I ! A sent 30 Receiver: 3 packet levelved. Pecairon: 4 poveket Received no. " | ingai = ucasion Code ter minated successfully " Capabalar J. " " " " " " (anicing " 17 + 1154 (" I combbe stady is quinter fill of) to This the program for stidling wholew protout successfully occurred & vontral W18/9/2