	Addignment B1
	THE PARTY OF THE PROPERTY OF THE PARTY OF TH
	Title - Imfelement TCP connection wing network simulable.
and an	Problem Statement -
	Aludy any network ainculation tools - to create a
THE REAL PROPERTY.	network with 3 nodes & extablish a TCP connection
	between node 0 and node 1 auch that node 0
	send TCP feacket to node 2 via node 1.
9	S. A. S.
	5/W and H/W Requirements
n orie	Windows 10, 8GB RAM, Monilar, Keyboard, Network
	Simulator, House.
	- The result of special and the second of the
	Theory -
•	In comfailer network reaearch, network aimulation is
	a lectrique wherely a asftware program models the
	behaviour of a network by rabulating the interaction
0	between different network entities (make routers, xwitches,
	A red met dimulates is called the the third the
	A network ainulator is software that feredicte the behaviour of a competer network.
	the state of the s
	Since computer networks have become too complex for
	Iraditional network aimulators are used.
•	Types of network simulator
	remmercial
	OPNET, qualnet
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	Ofzen - Bources
	NS-2, NS-3, OMNET++, J-sim
Action and	Separter and in relativester 95T Assembler a MAT
	Three-way handshake
	The derver must be firefrared to accept an incoming ronnection.
	connection.
	The dient ixaues an active often by calling connect.
	This causes the client TCP to send a synchronous
	regment which tells the across client's requence
	numuel.
•	The derver, must acknowledge (ACK) the client's
	SYN & server must also send its own SYN containing
	initial requence for the data server will send.
•	The dient must acknowledge the revuer's SYN.
54.	
	Conclusion -
7-013-	Trus, the NS2 ximulator was inetalled and TCP connection was tested xuccessfully.
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	. A moliner simulater is nothing that the there .
	decrees is a comparite naturale.
60	There computes nothered have being than complete
	draditional remark discolary and model
	The state of the s
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