	FMAN KUMAR 500125990
	ASSIGNMENT: 1 PAGE NO. DATE III
	500125940
2 1	A Company of the Comp
	I dentification of devices Router: connects different refuerte and directs
	data to the right destination.
	Surter : connecte multiple devices in a reterente
	and efficiently manages dates traffic within a
9	
	Modern Consults to a suiter dut less efficient,
	Modern convoits internet signals from your sources can
	use them.
5	Network Interface Card (NIC) - Advandurare component
	mside a computer that enables it the connects
	te a networks.
	Deference b/w Switch and Hal
-	Switch
	Sends data only to the intended dances
	The first of the state of the s
•	Market 1
	Hule Besadcasts data to all devices
	Hule Besadcasts data to all devices  Slower due tel unnecessary brakei
	Hule Besadcasts data to all devices  Slower due tel unnecessary brakei
	Hule Besadcasts data to all devices
	Hub Broadcasts data to all devices Slower due tel unnecerny traffic Mostly out dated and replaced by suitches.
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	Hule  Broadcasts data to all divites  Slower due tel unnecessary traffic  Mostly out dated and replaced by suitches.

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2.	Peractical Understanding
and the second s	Router Vs Modem
٠,	Router:
	Connects multiple devices and manages network
	leaffice
	Router date between your devices and the internet.
e	Uli fi vouter at home
	Modem:
	Convert 15P signals for internet access
8	Provides internet confection let does not
	manage demices
ø	ISP publicled modern for internet access
*	Role of a Network Interface Cand (NZC)
	ANICO is a component insides a computer west allows it to connectes to a network
	either via Ethernet de Mi fi Luwieless)
8	It assign a MAC address, which helps in
	identifying the device on the retrievel.
3	Mands ON Connection
	How the connect a competer to a natural using Ethernel and a Smitch.
2.	Plug one end up the Ethernet calile into the computer NEC por
3 ·	connects the suitch to a wouter
4.	Conserve all denices are promered on.

		PAGE NO.
		How to manually configure an IP Address on a
		Competer
90	1.	Open control Panel
*	9,	Eleck Network and sharing conter
	3.	Right click on athernet Jurifi
D	4.	Choose Internet Puotocal Justion 4 (TCP/1P14)
<b>N</b>	5.	select ille the following it address,
<b>10</b>		· Il address (ley 192.168.1.100)
-		. Dulinet Mask (255. 255. 255.0)
0		· Defult Grate Way (192.168.1.1)
<b>-</b>	6.	click Ok
	4>	Types of Networking Denices
		Managed Vs. Un Managed Switch.
		Managed: allow configuration and Monitoring
		allow donfiguration and requirity dealine
		Powerells advanced security feature used in business network.
		12 Managed Austral:
		Un Managed suitch: Plug-and-play with no setting
		Basic security, if any
		illacel i small offeels are homes.
		4 to ala adding valent un a marche
		As access hount (AP) intends a lite of resource,
		All Miller willeless willies without to a
		It act as beinge blu will and Unewined network
		ey: A disfi entender in a large Office
		J
	ia	

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5.	Real - Mould application Denices for a secure affice Network
	for an Daffice Network, Mee. Router - direct Internet traffic Suitch - Connects multiplee computers
the production of the producti	Judillell - Priviles agelins affer
8	Modem. Connects to the 15P for internet
	Importants of Liebwells in Network Security
0	Importants of firewalls in Network Socurity A forewell is like a security greated for your network It blocks unauthorized access with allowing
P	eg: It prevent hackers four inleving a company privates ! retevents.
	Correspondy gonococo 1. The