	Assignment B3
	Lay Variable Control of the Control
	Title: Configure RIP/OSPF/BGP Using
	packet tracer.
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•	Requirements:
	Writeshark Packet Analyzer Tool.
•	Theory: S/w 4 H/w Requirements
0	Intel 15 t
	Dyn 8GB RAM, HDD
	Os (Linux/Windows)
	The present of the pr
0	Theory:
	Dynamic Routing Protocols:
	Most routing protocols implement a
	shortest path algorithm, which for a
	given set of routers, determines the
	shortest path between the routers
	RIP is the simplest and one of the
	It is very easy to setup & troubleshoot.
	Packet tracer is a cross platform
	tool deplayed
	1 1000 000
	imitate modern competer networks.
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	In addition to simulation Packet Tracer can also be used for Collaboration. As of Packet Tracer 5.0, it support a multi-user system that enables multiple topologies together over a computer network.
_	Creale a topology following the steps:
	Double click on PCD. a) Double click on PCD. b) Go to desktop config & set IP - 192.168.1.2 Subnet Mask - 255.253.258.0 Default Gateway - 192.168.1.1
	2) Assign IP Address to PCI a) Double click on PCI b) Go to desktop Config & set IP addr-192.168.2.2 Subnet Mask-2ss.2ss.2ss.0 Default Gakway: 192.168.2-1
	Now we have to configure Routers: Config of Router O Steps: 1. Double Click on Router O 2. Go to Config fast Ethernet o 0 4 set 1P - 192.168.1.1

	3. Enable 'ON' button & close it
	in als aller the grown sund stay
-	Configuration of Router 1
	1. Double click on Router 1
	2. Go to Config) interface / fast Ethunet oln
	Ry set miles also
	1P - 192.168.1.0
	3- Enable 'on' button & close it.
	Pick packet from right Side toolban
	¿ drop on Pco & Pci. Due to
	unknown network packets cant
	transform from Pco to Pci, so we have
	to set RIP by clicking on Router o
	· Configuration of RIP For Network1
	1. Go to routing I select RIP
	2. Mention add network - 192.168.1.0 &10.0.00
	3. Go to setting of save the configuration.
	· Configuration of RIP for Network 2
	1. Go to routing / select RIP.
	2. Mention/add network -192-168-2-0 \$19.0.0.0
	3- Go to setting & save the configuration.
	Now check packet transferring from Pco
	to PCI by clicking on Simulation mode.
	Click on capture forward button & analyze
	the packet transformation.
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0	Conclusion:
	We have successfully designed
	topology with different and designed
	topology with different network devices
	by using packet tracer simulator &
	analyzed packet transmission from
	girterent devices to different devices
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