	Assignment B3.
	Title: bonfigure RIP/OSPF/BAP using packet tracer
	Requirements: Wireshark Packet Analyzer Tool.
	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 oldest Distance vector routing protocol. It is very easy to setup and troubleshoot.
	Packet traver is a cross platform visual simulation tool designed by lisco Systems that allows users to create network topologies and imitate modern computer networks.
	In addition to simulation, Packet Traces can also be used for collaboration
	le used for collaboration As of Packet Tracer 5.0, it supports a multi-user system that enables multiple users to connect multiple topologies together over a computer network.
-	network.

		breate a topology following the steps-
	1)	Assign IP address to PCO. Double click on PCO. 2 yo to desktop config and set IP-192 168 1.2. Subnet Mask - 255, 255 2550
		2 go to desktop config and sot
		Subnet Mark - 255. 255. 255.0. Default Yateway - 192. 168.1.1.
1	2)	Assign IP address to PCI 1 Double click on PCI 2. yo to disktop config and set IP address - 192. 168. 2. 2. Subject Mash 255 255 265
		2. Sto to diektor coolin and est
		1P address - 192. 168. 2. 2.
		Subnet Mask - 255, 255, 255, 0.
		Subnet Mask - 255, 255, 255, 0. Default Jateway - 192, 168, 2.1.
		Now we have to configure Routers. Lonfiguration of Router of Steps:
		Steps de Router 0 0
	1	Double click on Router o.
	2.	yo to bonfig / fast / Ethernet o/o and set
	3.	Subnet mask - 255.255.255.0. Enable ON button and close it.
		Lonfiguration of Router 1. Double click on Router 1.
	1.	Double click on Routers.
	2	go to bonfig interface / fast Etherneto/o and set
		Subnet mask - 255.255.255.0 2020/11/25 22:14
	3.	Enable 'ON button and close it.



Pco to Pc1, so we have to set RIP by clicking on Routero. Configuration of RIP for Network 1.

1. yo to routing / select RIP.

2. Mention / add networks - 192,168,10 & 10,0.0.0 3 yo to setting and save the configuration bonfiguration of RIP for Network 2.

(b) Go to routing / select RIP.

(ii) Mention | add networks - 192.168.2.0. & 10.0.0.0.

(iii) Go to setting and save the configuration Now, check packet transfering from PCV to PCI by clicking on simulation mode. Olick on capture forward button and analyze the packet transformation. Conclusion: We have successfully designed topology with different network devices by using packet tracer simulator and analyzed packet transmission from different devices to different devices by using RIP protocol