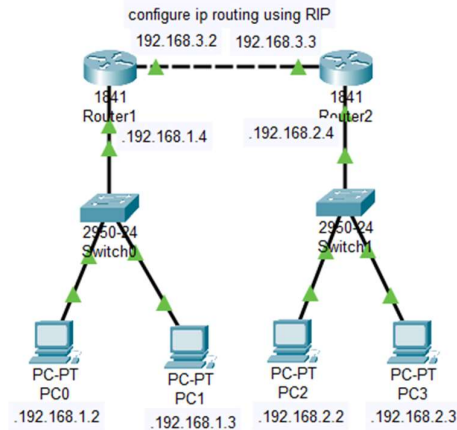


ASSIGNMENT 8

1)Configure IP routing using RIP by 2 routers,2 switches and 4 PCs?

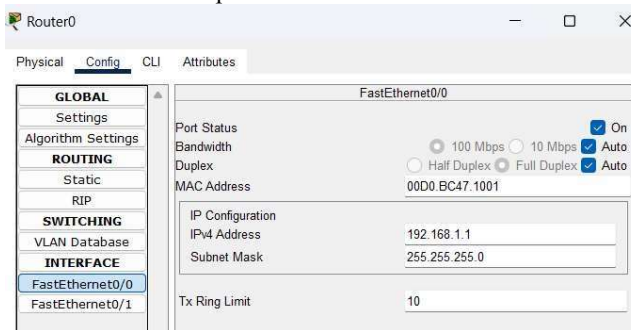
1) Make connections of network shown below.



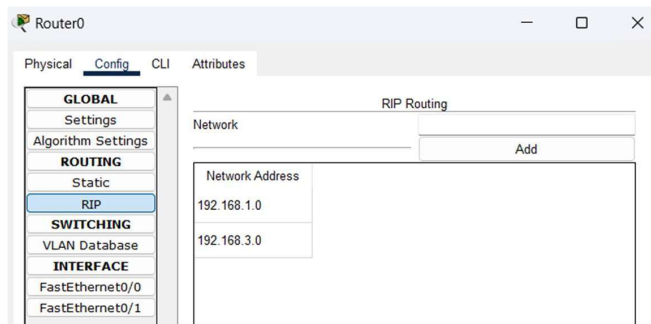
2) Assign IP address to 4 PCs ,routers ports based on network.

3) Here PC0,PC1,router0 belongs to one network,PC2,PC3,router1 belongs to second network and router0,router1 belongs to 3rd network. IP addresses are assigned based on the networks.

4) Add IP addresses to ports of two routers and tick ON



Open RIP of each router and add IP address of each network. Network means IP address of the other networks connected to this router.

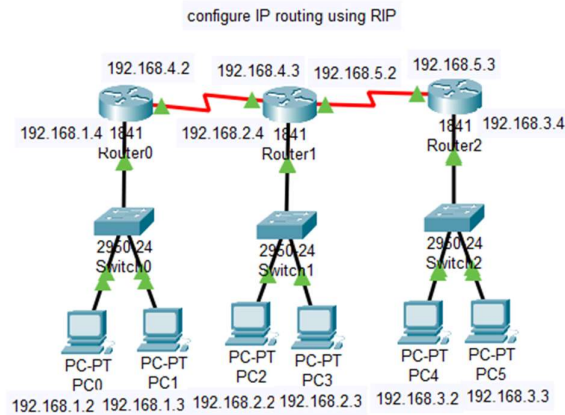


Ping another network's PC from any PC and check whether they are communicable or not. Then send message to verify.

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC1	Router1	ICMP		0.000	N	3	(edit)	(delete)
	Successful	PC2	Router2	ICMP		0.000	N	4	(edit)	(delete)

2)Configure IP routing using RIP by 3 routers,3 switches and 6 PCs?

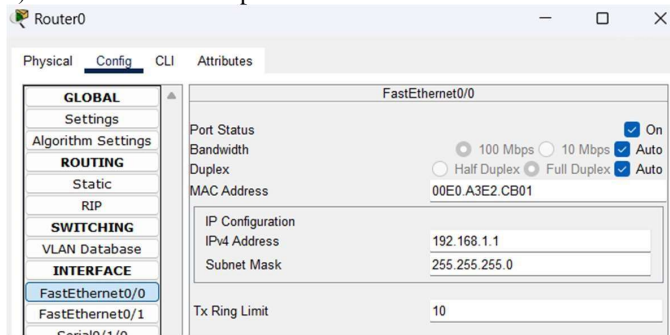
1)Make connections of network shown below.



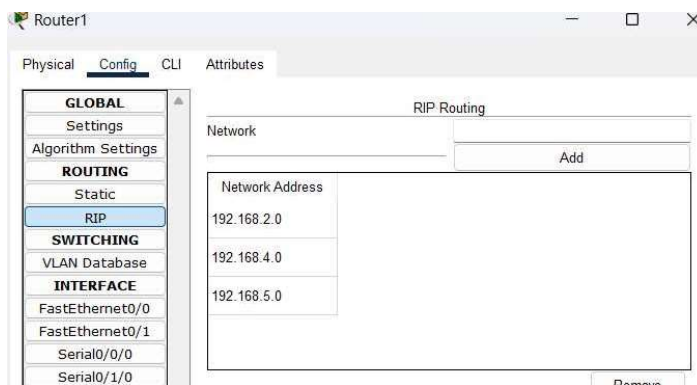
1)Assign IP address to 6 PCs ,routers ports based on network.

2)Here PC0,PC1,router0 belongs to one network,PC2,PC3,router1 belongs to second network and router0,router1 belongs to 3rd network.PC4,PC5,router2 belongs to 4th network.Router1,router2 belongs to 5th network. IP addresses are assigned based on the networks.

3)Add IP addresses to ports of three routers and tick ON



1)Open RIP of each router and add IP address of each network. Network means IP address of the other networks connected to this router.



2)Ping another network's PC from any PC and check whether they are communicable or not.Then send message to verify.

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC3	PC4	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC2	PC4	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC0	PC3	ICMP		0.000	N	2	(edit)	(delete)