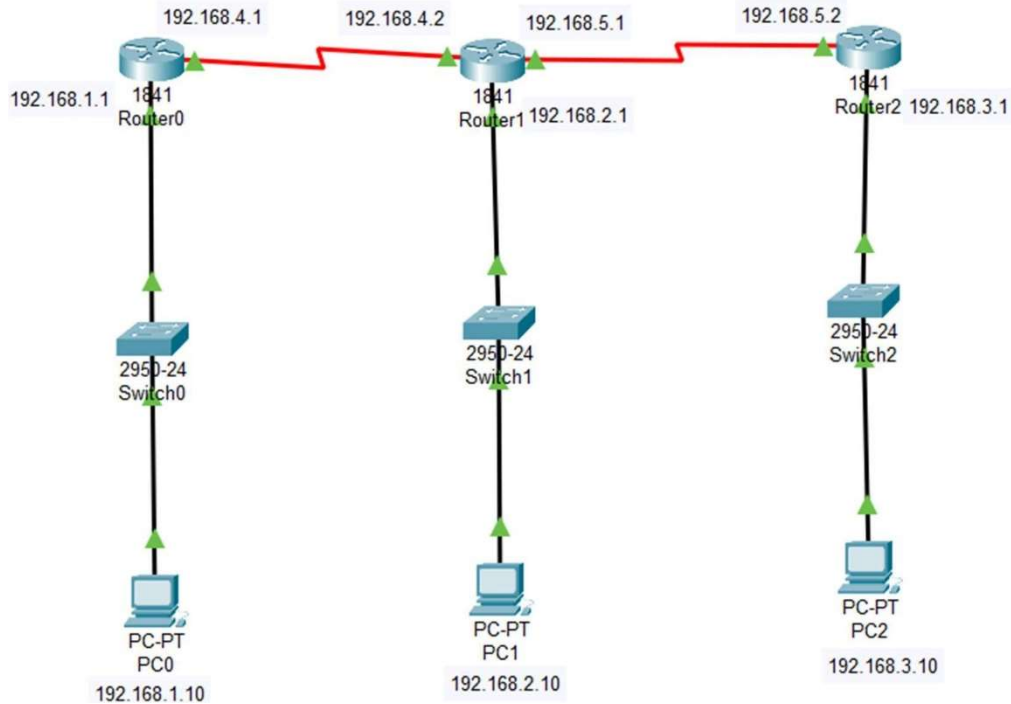


ASSIGNMENT 7

1)Configure IP static routing using three router,three switch,three PC.

1)Make connections of network shown below.

CONFIGURE IP STATIC ROUTING



2)Assign IP address to 3 PCs ,routers ports based on network.

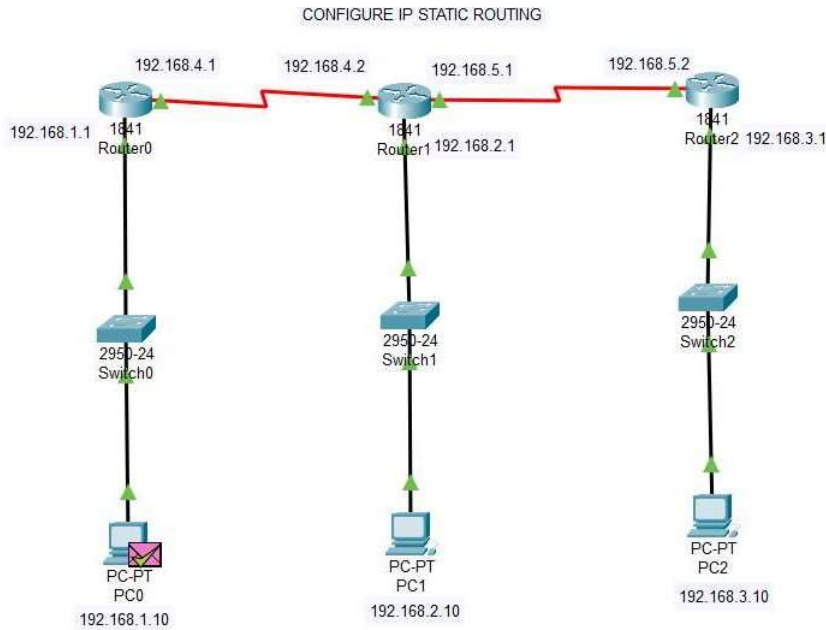
3)Here PC0,router0 belongs to one network,PC1,router1 belongs to second network and router0,router1 belongs to 3rd network.PC2,router2 belongs to 4th network.Router1,router2 belongs to 5th network. IP addresses are assigned based on the networks.

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

5)Open static of each router and add network,mask and next hop.Network means the other network IP address,mask means the mask of class to which network belongs to.Next hop means IP address of router connected to that router.

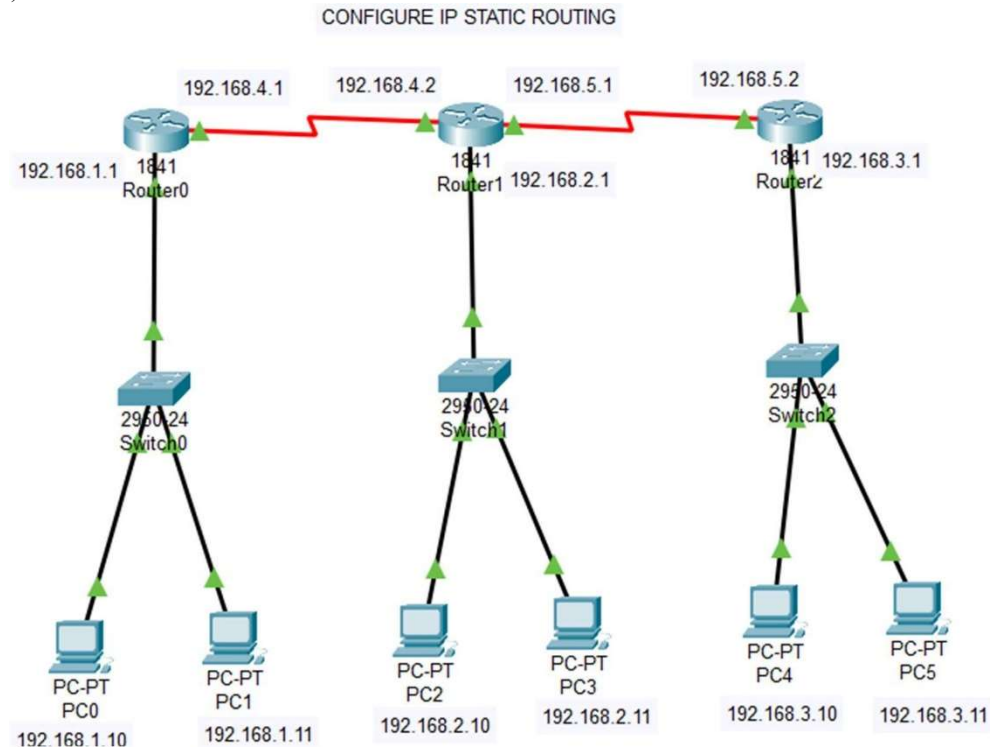
6)We have to make routes for all possible paths.

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



2)Configure IP static routing using three router,three switch,six PC.

1)Make connections of network shown below.



2)Assign IP address to 6 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.PC4,PC5,router2 belongs to 4th network.Router1,router2 belongs to 5th network. IP addresses are assigned based on the networks.

4)Add IP addresses to ports of three routers and tick O

5) Open static of each router and add network,mask and next hop.Network means the other network IP address,mask means the mask of class to which network belongs to.Next hop means IP address of router connected to that router.

6) We have to make routes for all possible paths.

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

