EX: NO: 3

1. Menu bar - This is a common menu found in all Software applications; it is used to open save, print, change preferences, and so on

2. main toolbar; This bar provides shortcut icons to menu options that are commonly accessed. Such as open, save, zoom, undo

3. Logical / Physical workspace tabs. These tabs allow you to toggle between the logical and physical work areas.

4. workspace - This is the area where topologies are created and simulations are displayed.

5. common tool bar - This toolbar provides controls for manipulating topologies. Such as select, move, layout, place, note, delete, pdu.

6. Real / time / simulation tabs - These tabs are used to toggle between the real and simulation modes. Buttons are also provided to control the time and to capture the packets.

7. Network component box. This component contain all of the Network and end device available with packet tracer.

7a. Device-type selection box - This area contains device categories.

7.b. Device-Specific selection box - when a device categories A is selected this selection box display the different device models within the category

8. User-created packet-box - user can create highly-customized packet to test their topology from this area and the result are displayed by a list.

CISCO packet TRACER

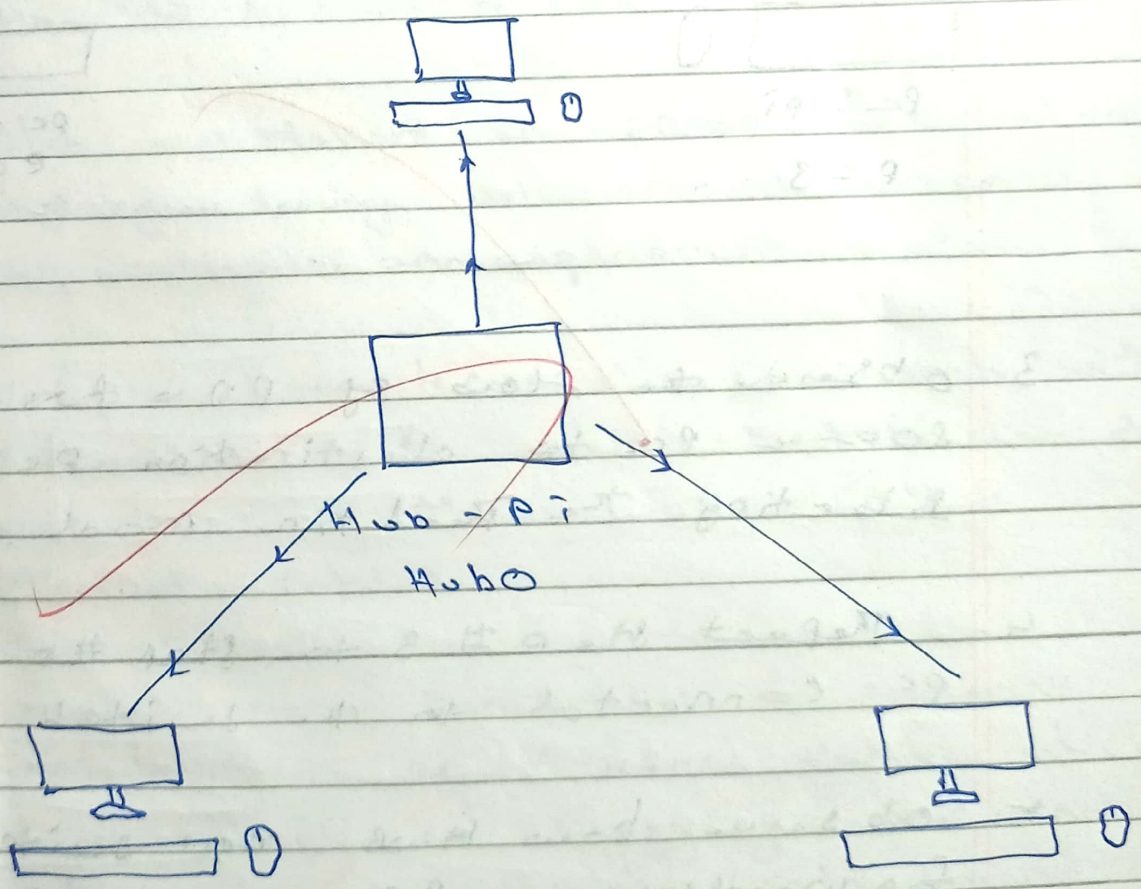
1. From the Network Component box click and drag-and-drop the below components.

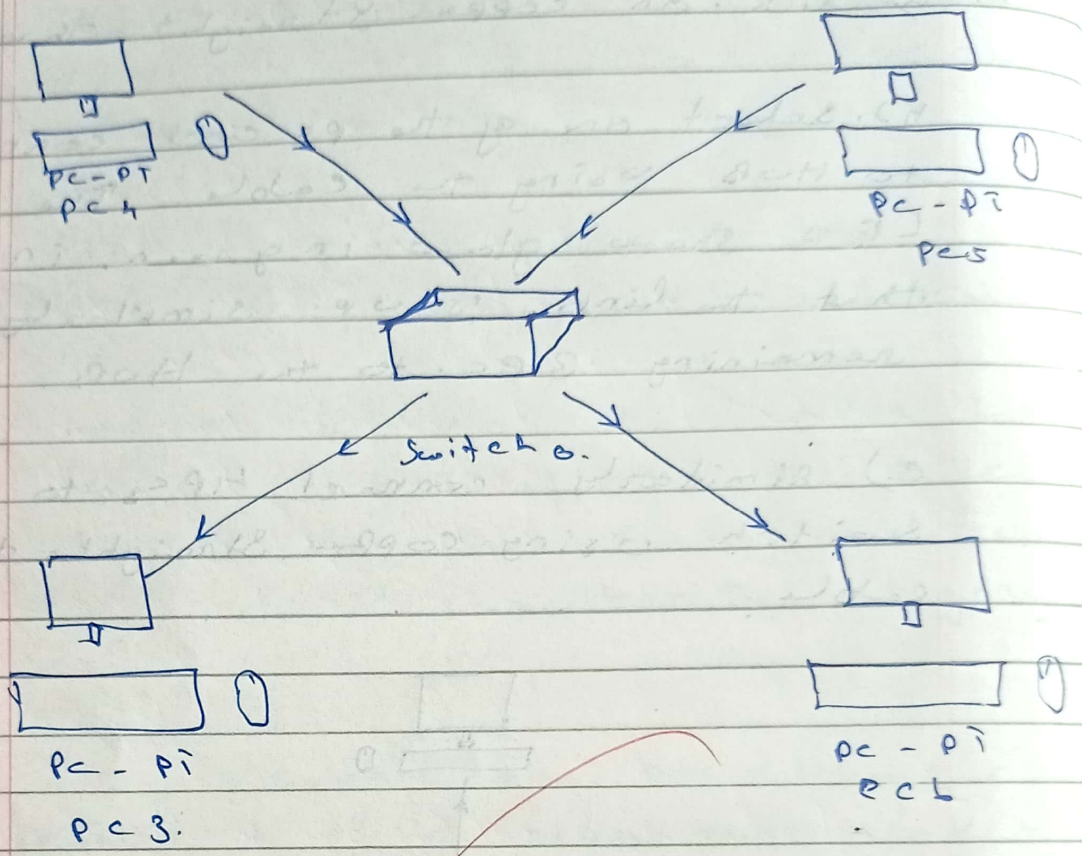
a) 4 Generic PC, and one Hub
b) 4 Generic PCs and one switch

2. a) Click on copper Straight - through cable

b). Select one of the pc and connect it to HUB using the cable. The link LED show glow in green, indicating that the link is up. Similarly connect remaining 3 pc. to the HUBs.

c) Similarly connect 4 PCs to the Switch using copper Straight - through cable.





3. Observe the flow of PDU from source PC to destination PC by selecting the Realtime mode.

4. Repeat Step # 3 to Step # 5 for the PC connected to the switch.

5. Observe how HUB and switch are forwarding the PDU and write your observation and conclusion about the behaviours of switch and HUB.

Result:-

behaviour of Switch and Hub in the terms of forwarding the packets.