20/7/29

Aim:
To study the parket tracer tool installation
and user Interface. Overriow.

skeps:

- diag 2 diop the becow component
- a) 4 generic pes 2 one bub
 - B) 4 generic pes 2 one switch
 - 2. Wick on connections:
 - a) click on copper straight through who
 - b) suect on pe & connect to HUB,
 The wink LED should glow in green
 - switch wing upper straight through
 - cable
 - then cuit idestatop! then wich ip
 - a) Enter 1P address on 1PV4 address box then were
 - a) wick on pau (marage, eon) from common bool bar

diag 2 diop it on one & pe 2 diop on

- 4. Observe the plow of PDU hom pource to destination by wilking simulation
- a on right bottom.
- 5. Repeat the same for per connected
 to switch
- 6. Observe

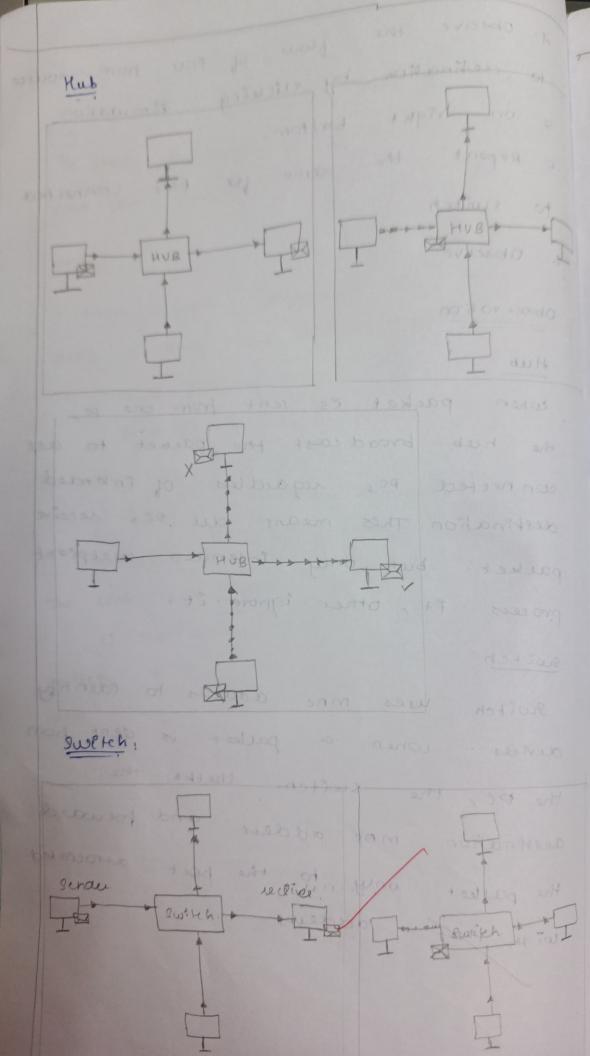
Obres vation

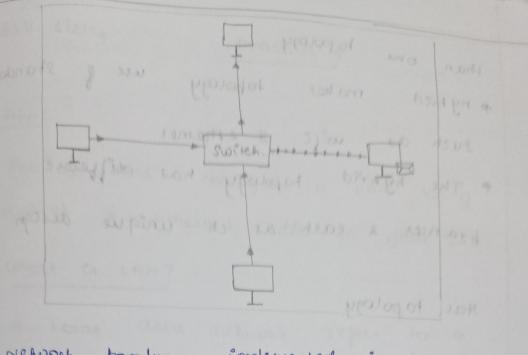
Hub

when packet is sent from one pe,
the hub broad cast the packet to all
connected pes regardless of inkended
connected pes regardless of inkended
deshination. This means all pes receive
packet but only intended recipient
process it, other ignore it.

switch

Switch uses mae addies to edentify devices. when a parket is dent from the pe, the switch thecks the destination mae adders and forward the parket only to the part associated with that adders





remork topology implemented in your courge topology implemented in our college is star

hopocogy & hyberd topology.

Charackerics of star topology

* all cable run to a central connection point.

one cable break/fail, only computer connected to that cable is unable to use the nework.

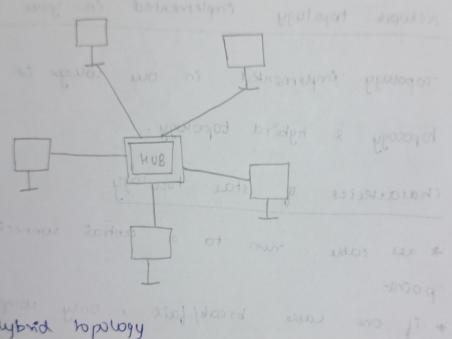
to As rehoolle grows of charges, computer on simple added or removed from central connection point, but or switch.

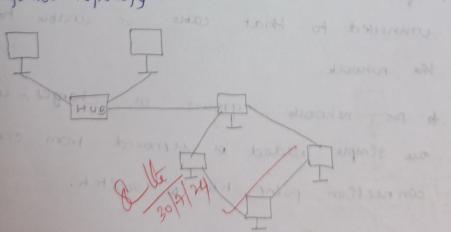
Characteristics of hybrid topology

+ hybrid topology is combination of more

than one topology ny bird makes to bology use of standard such as wift & ethornor The hybrid topology has difference brances & each as in unique design

Has to pology





Result:

successfully shidled the packet traves Thes and analysed the behaviour of ne house 1001