

"Bridge" will have a "Topping-like" or a "forwardery-table" The "Stapping table" contains "MAC -address" of the "station of the station of the pore" to which it is "connected." "Mapping-Tobb" If we want to send a pocked to "3" station, bridge will feel it to "post a". 000 abo 0 /2 two ways to construct the "Tapping table" at "box There are dgen:> 15" Static Nothod" - S flore we will manually write the Entries"

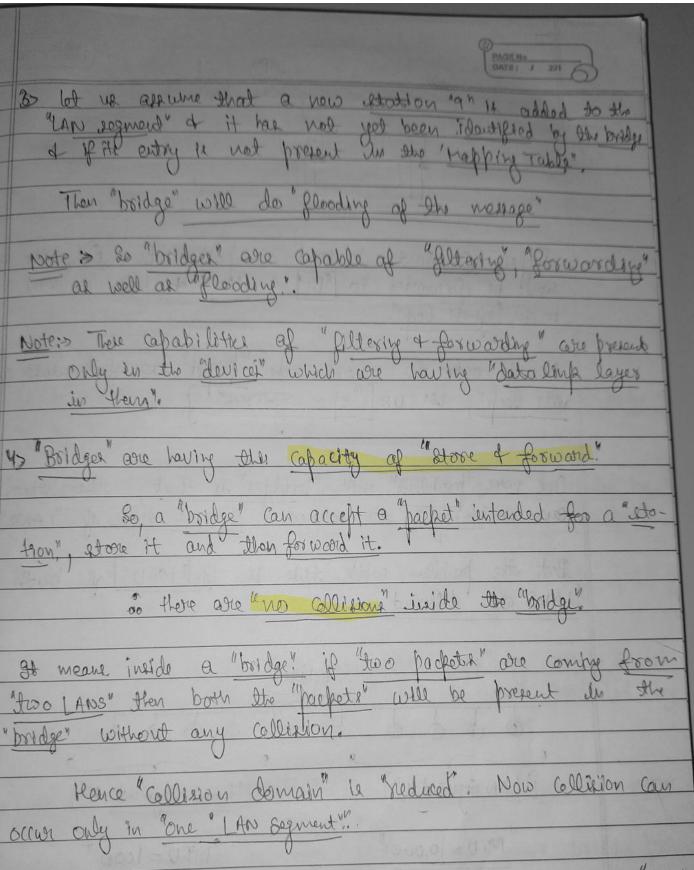
in the "nappling stable."

But the problem with this mothod is whenever a true"

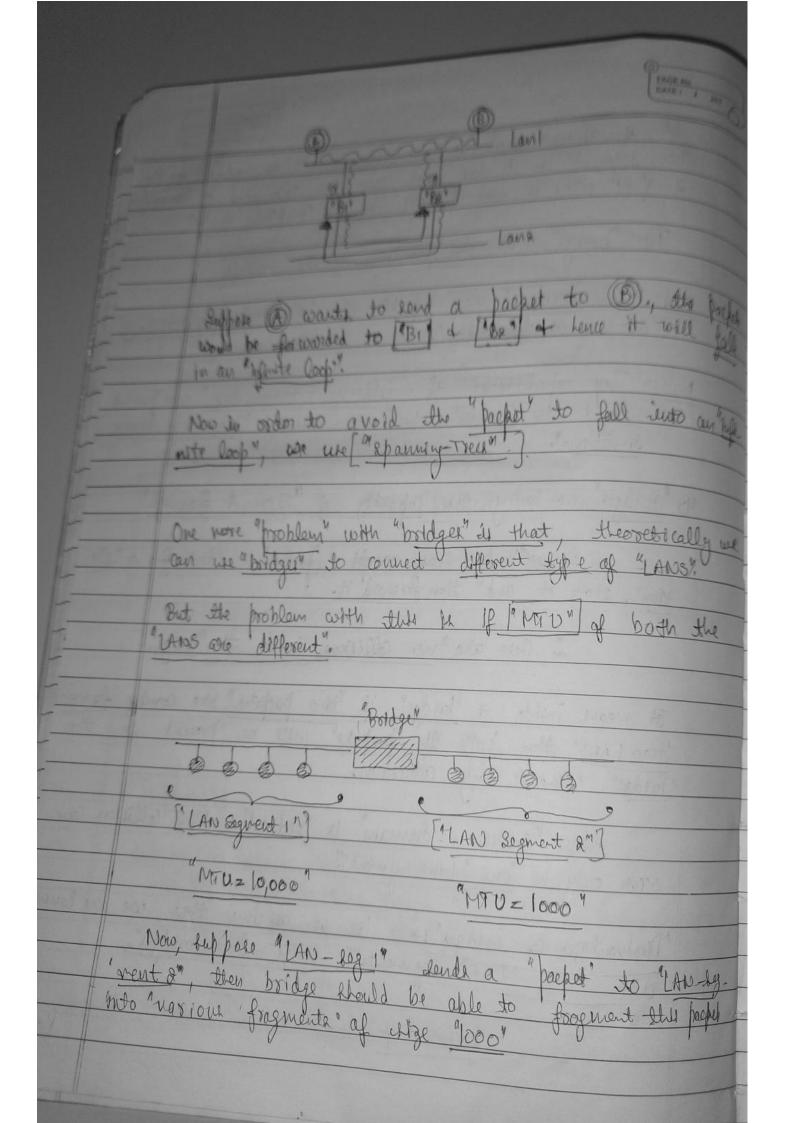
Oddress of any "station" changes. ("MAC-add" of a "station" changes when "NIC gots corrupted"). we have to manually up date it in the "trapping - table". LAN' to other. Again we have to marrially update the "post numbers" in the "tapping-Table"

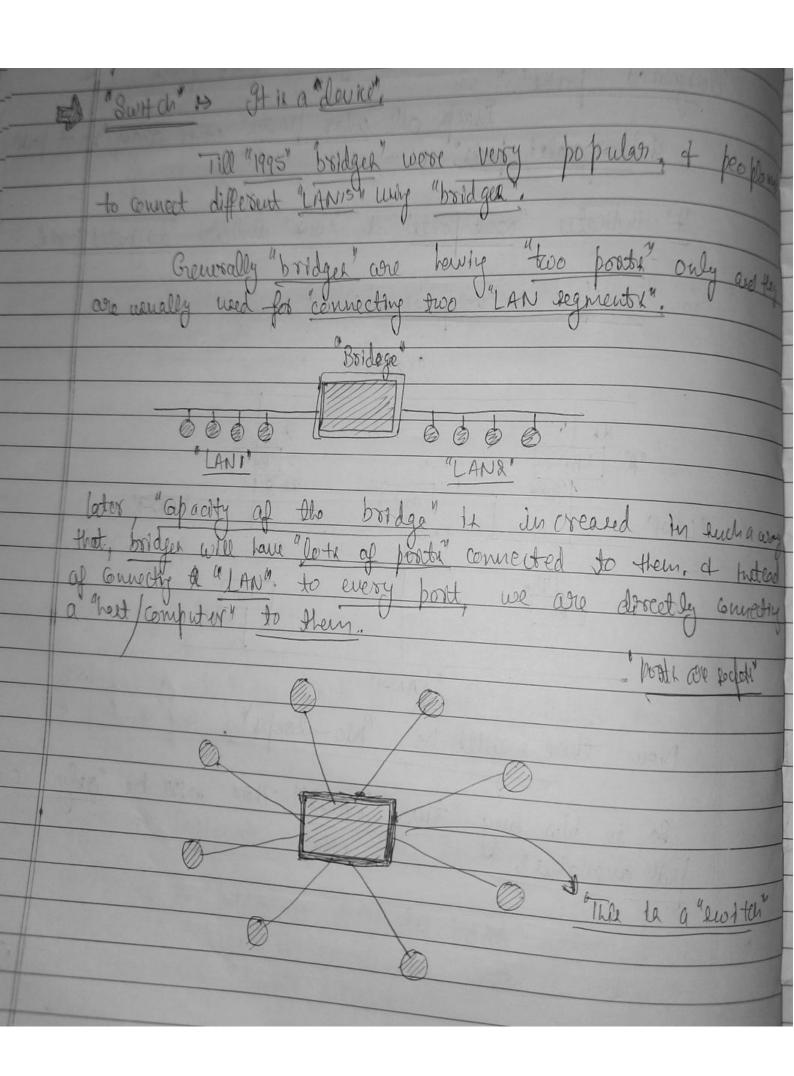
So round intervention is nequipmed, hence Hissand good option. "and Method's "Dynamic boldger" Learning bridger or Toansperient bridge not mornally configure this "mapping-table", But it will take some time to construct the Since "boldger" have both "Physical layer" as well as dots
Inp layor. So, "Framer" are impected at both these layers! a frame Constata of both Gowice Mac-add of Destinction Mac-address". frame ! Proporties" sends a packet to 3) & bolden thouse that both of them

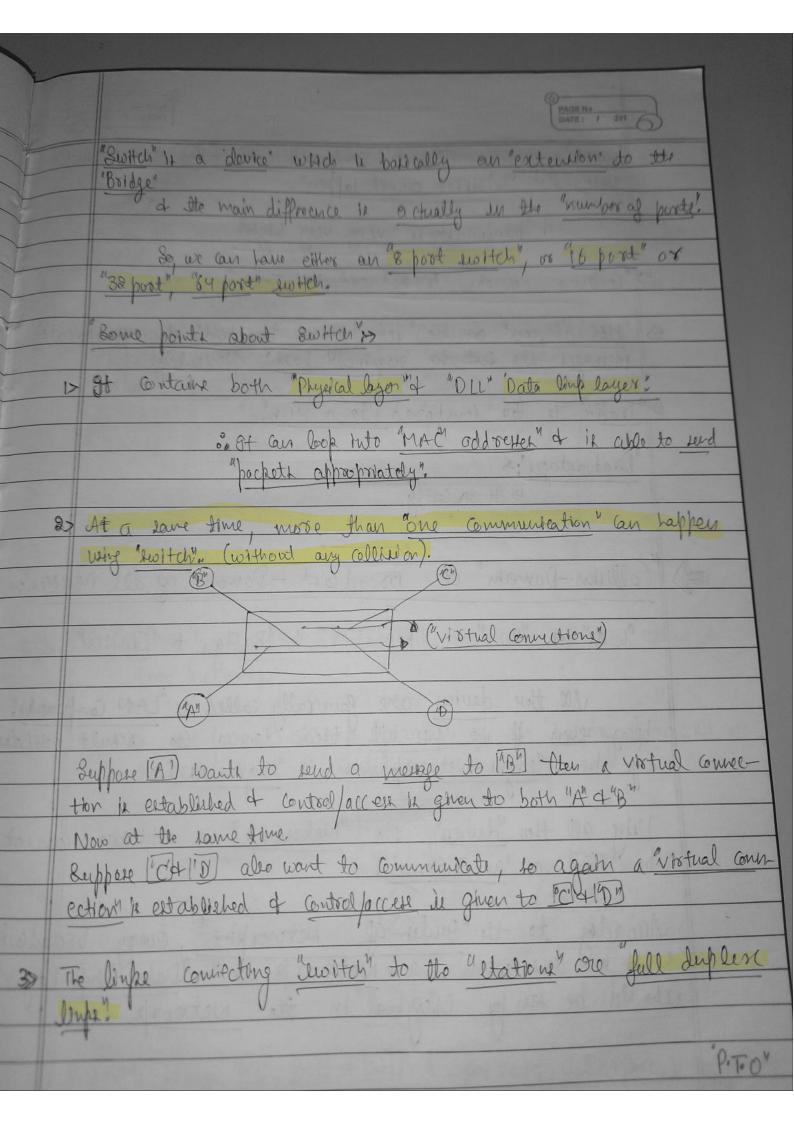
so Lind LAN". Then it will not forward the public 25 Bridger an also do "forwarding".



"Disadvantages of Bridges"; let us assume that, we we come course

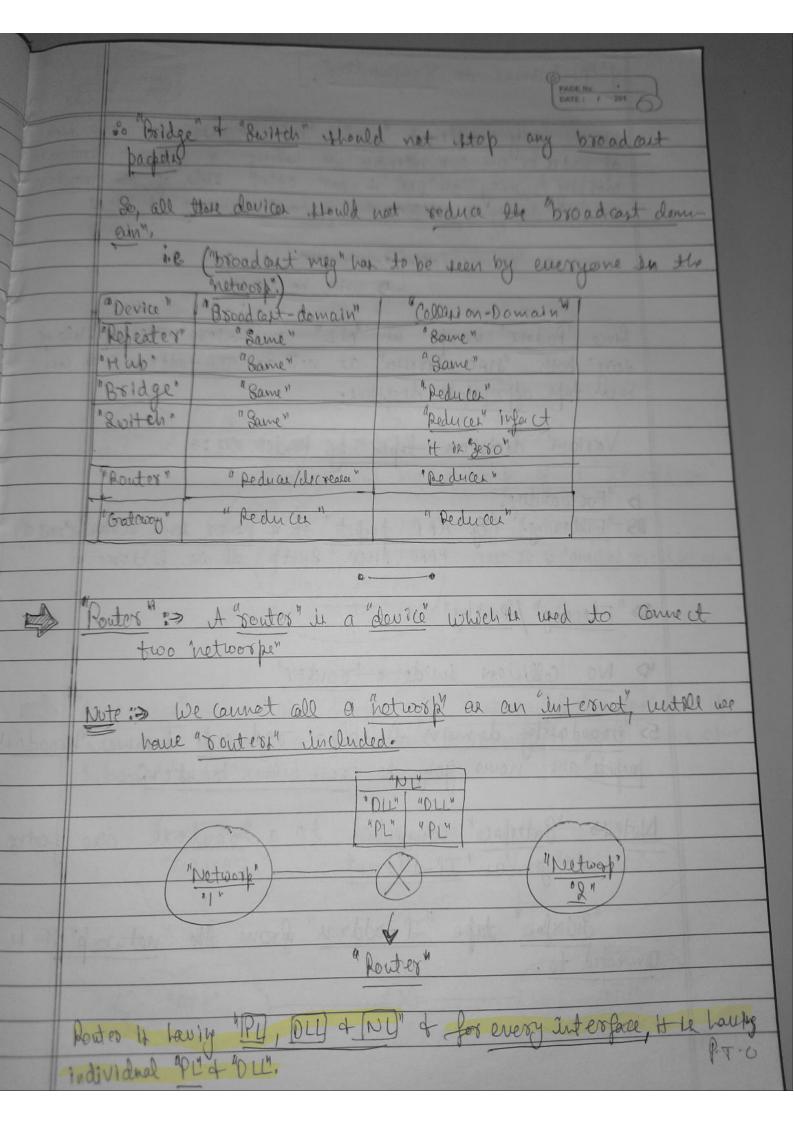






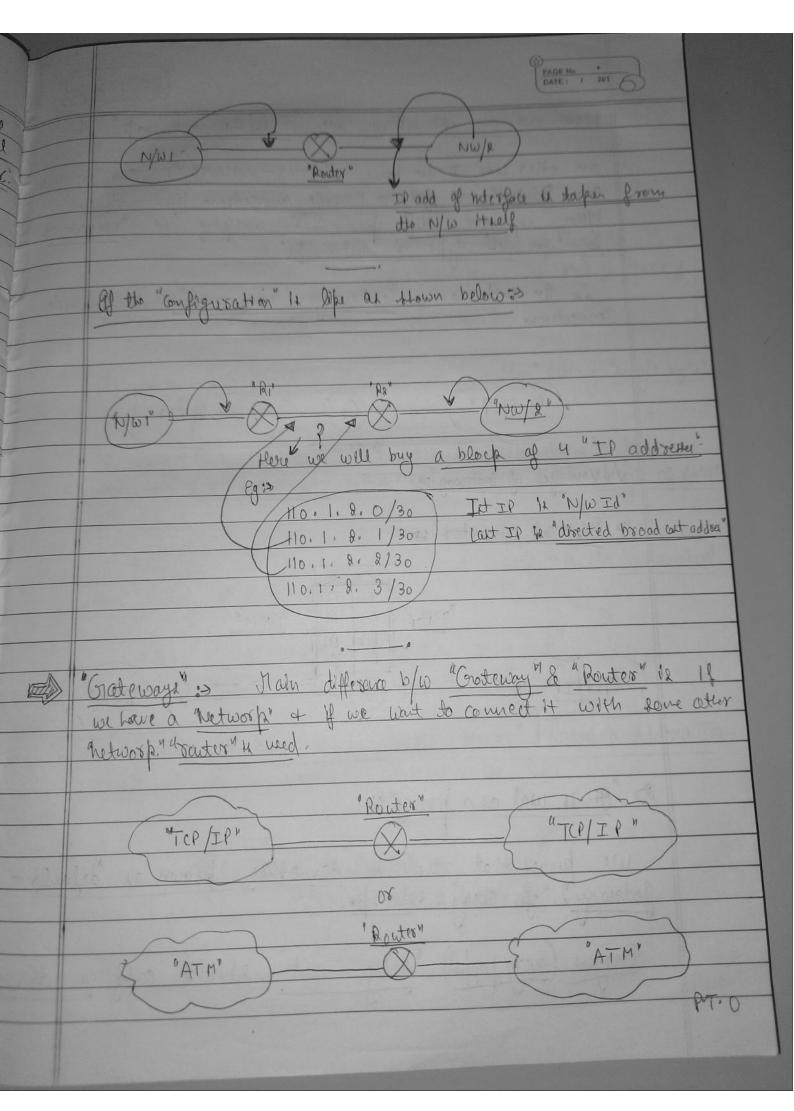
Button 12 highly officient companed to other devices in 4 "bandwidth is very very high" " Colosion domain is reduced to Zero" 55 "MAC addresses" can be seen by a "switch" of appropriate messages are sent to "sugarred hast" effectedly. Batroffic le love compared to a "HUB". "Diradvantager":> Collision-Domeum " & "Broad Cast - Domain" of all Devices Wise + "Hub" + "Repeater" + "Boldge" + "SwHell" All these devices we generally called as "LAN Components!"

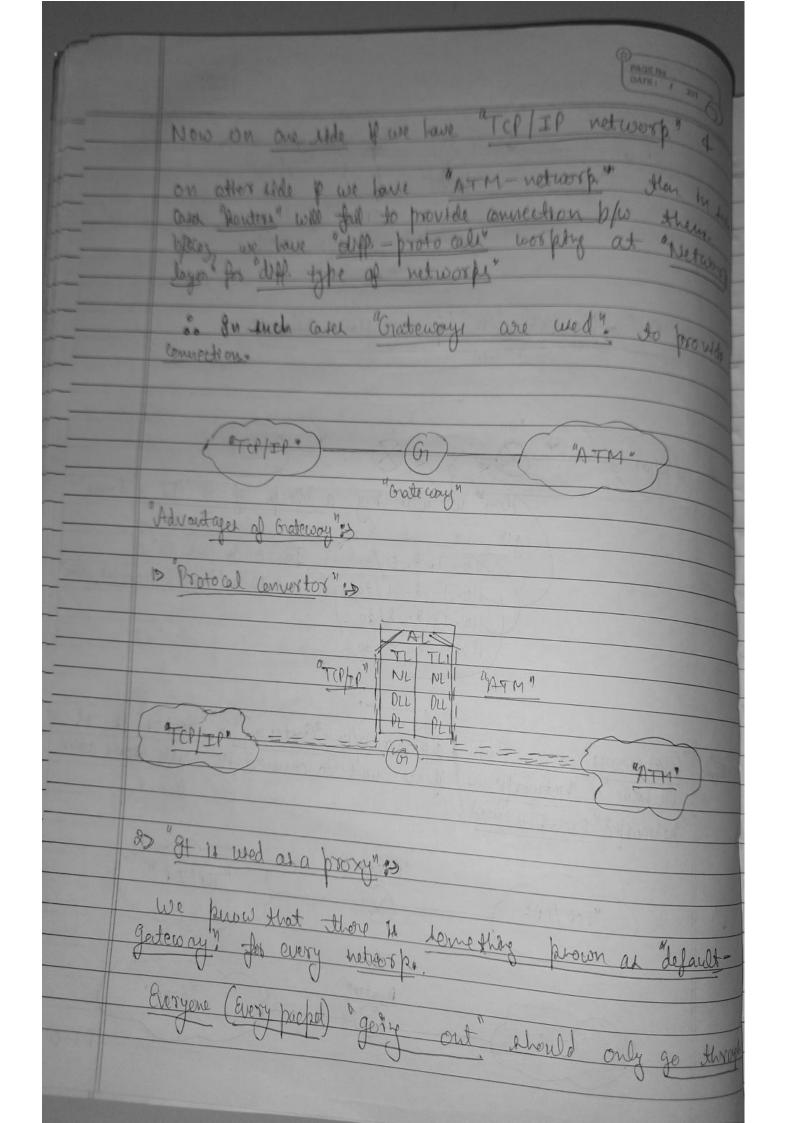
beaz, even if we use all their devices the result would appear be a "emple-Network" or a "lingle-LAN! be alled as "an Internet". Which is done within a Network at apata long layer

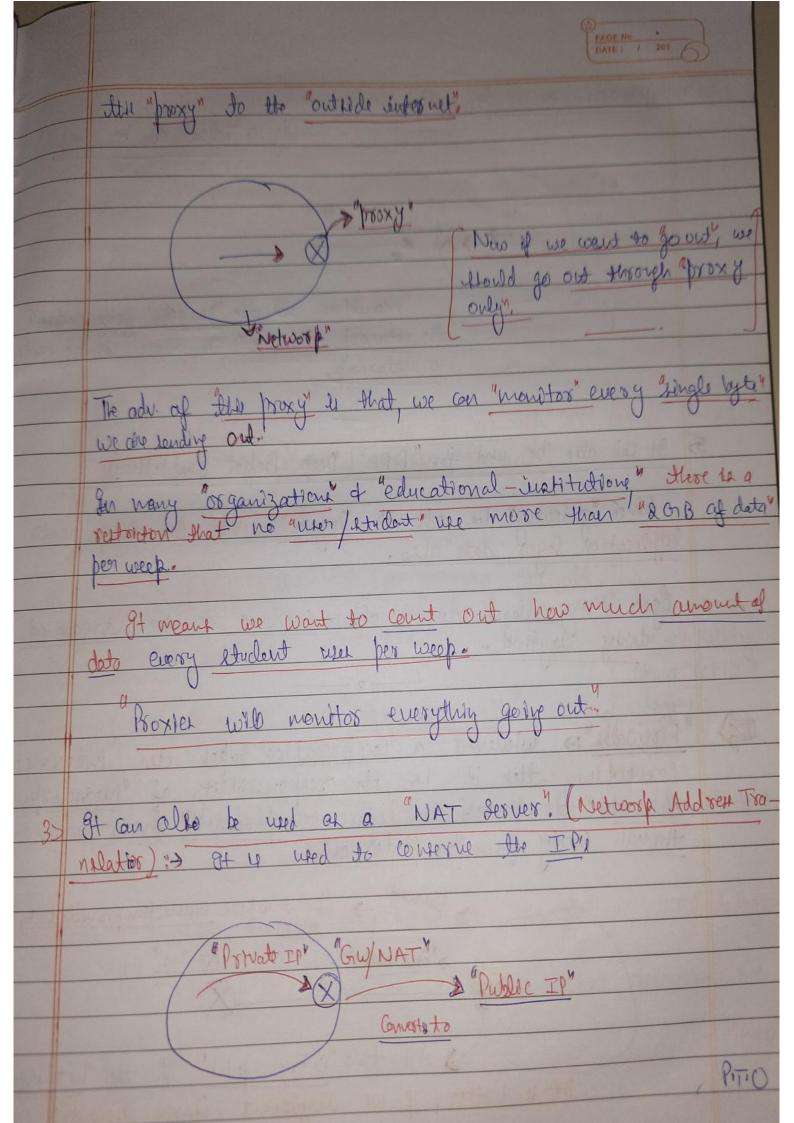


["DLL" cannet do "fragmention".] We are lawly different "DLL" + "PL" because on one of pontex or on one Interface we havry a different from other side of the moon we have a different protocal running at "DLL" we are howing a different protocal running at "DLL" 33 Commend cattley . Lo will be eary. Since "Poutone" work at "NL" so "Routerse" are apalology hered take appropriate decisions. Vorious decision taken by Router one :-> "Forwarding".

(Eg. "ARP peepet," it is never send across about RARP, DHEP, Booth all are followed 3> "Flooding" / "Routing" 40 No collisions inside a "router" 55 "Broadalting domain" is also reduced became "broadard property" are never going to crash the "Touters." Note: > "guterface" connected to a "voutered age goty "Interface" take "IP -add ress" from the "not work" it h







40 Harack OK a firewall" Eg :> Tel net can be blocked "on threwall Monthor all the "purpoter" going outine. The notwork as well as show country has a network 5 9+ can also be used for "DPI" (Deep Packet grapections) Since "gotcurry" for all the "layers", 9+ can look into dring daytime. do not allow videon to be itreamed