CSE-322: Network Sessional Basic Config Router: anakha Kamufall somble all - RAM -> Running-config - ROM - NV-RAM => Stantup-config (copy of rounning-config) - Flash => TOS (Inten-networking OS) \* Router 2 il notwork come \*Switch has a port named "Console" \*Switch as console port-a console cable (blue color wine) मिष्ठा कोर PC-पन्न RS-232 point-4 connect कन्नन। \* Putty software This switch-43 console access 3371 switch>nbb > user mode al est : seemble mountage switch# -> priviledge mode (administration) switch (config)# line console 0 console password set password visco

wgin

switch (config)# enable secret class } administration mode

\*telnet is used for remote administration

Switch# show rown 11(to show detailed rounning config)

service passwond-encryption (Run config - u usun passwond stat encrypted

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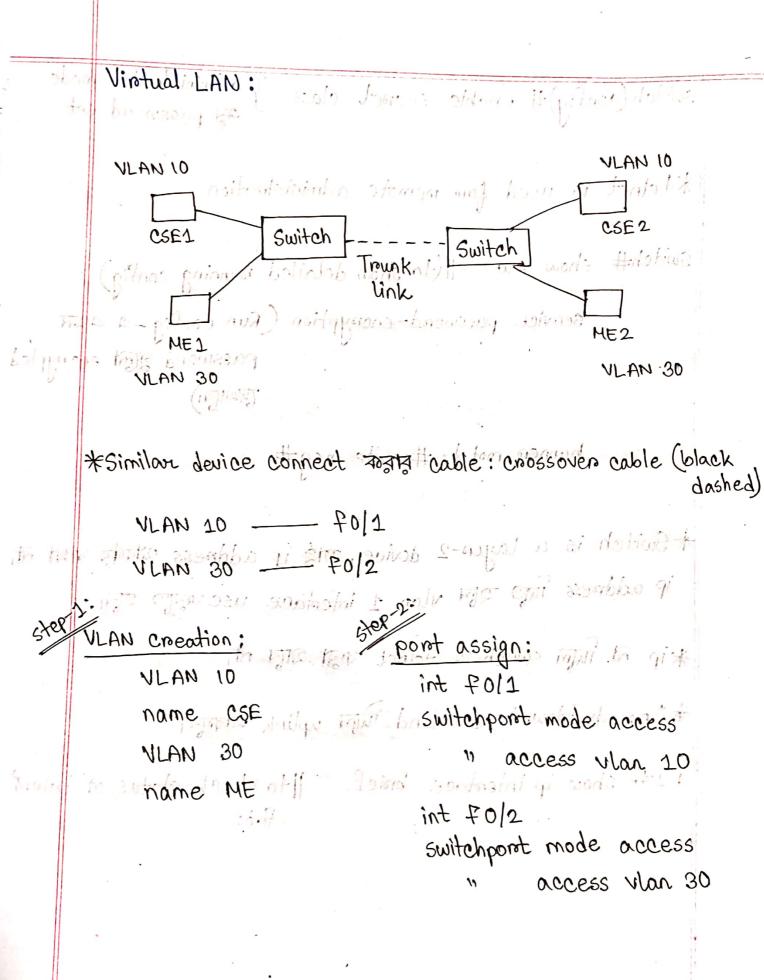
\* Switch is a layer-2 device, onto ip address sharts and nti

\*ip at film switch-is telnet and and att

\* no shutdown command him uplink wards

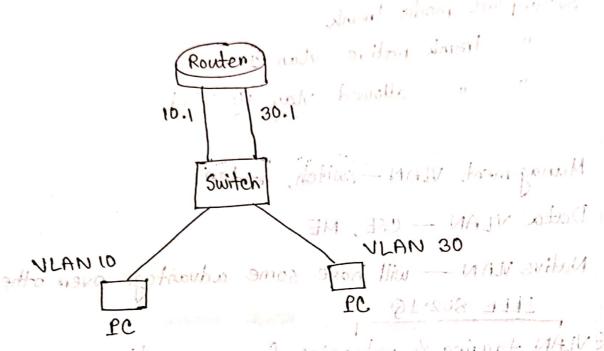
RI# show ip intenface broief 11 to check status of intenf-

eragon abom thoughations



trankline config: alued with what the notwork int gol1 switchport mode trunk trounk native vlan 12 mbios allowed vlan 10, 30, 1 Management VLAN - switch, pouter Data VLAN - CSE, ME Notive NAN - will have some advantage over other VLANs. IEEE 802.19 \* VLAN tagging & untagging for non-native VLANS, wi packet will be comparatively slower. PC 51 PC

\* Routen Stot inter VLAN Routing possible ati



\*it is not scalable, because it requires one physical nouter interface per VLAN and nouter has limited no. of physical interface.

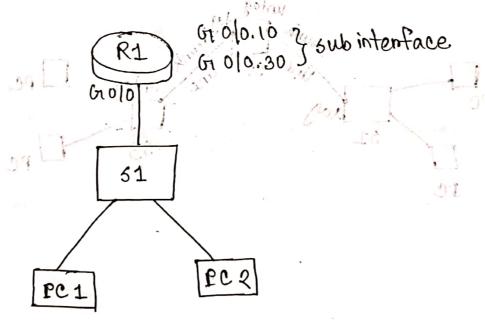


Fig: Routen-On-a-Stick