	The same of the sa
	Basic Config: CSE-322: Network Sessional
	Basic Config: Router: / Switch
	- CPU
	- RAM -> Running-config
	— ROM
	- NV-RAM => Stantup-config (copy of rouning-config)
	- Flash ⇒IOS (Inten-networking OS)
	A Router 2 il notwork counce, infai
	*Switch has a port named "Console"
	*Switch as console port-a console cable (blue color wine
	पिष्ठा को १८- पत्र १६-232 port- 4 connect कत्रव।
ح	* Putty software This switch-43 console access 331
	(Terminal is putty)
	switch>nbbn-> user mode along : 22 subbo moustage.
	switch# -> proviledge mode (administrator)
5	switch (config)# line console 0
	console passional sot
	password visco console password set
	bain

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

(reguesi)

(or i) stood a barner mot don't write magetto so into malinize

\* 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

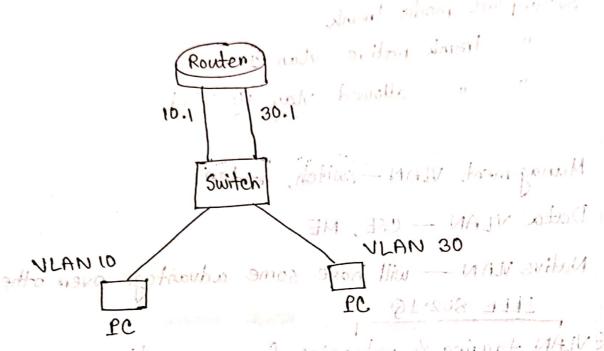
Vintual LAN: 1-9615 3 Adores 11-1 bu wasan ga VLAN 10 VLAN 10 CSE 2 Switch Switch alinhob Jewaka #Motion? link ME2 VLAN :30 VLAN 30 \*Similar device connect 7037 cable: cnossover cable (black ---- 70/1 Thou 11 streo/201006 S-angest is at delight santajni i molv Me emi semble gi The tent point assign: my to git VLAN creation; VLAN 10 name CSE by by switchport mode access VLAN 30 access vlan 10 name " NE of I do look somethal of and int F0/2 switchport mode access

> Access port: A port where data of only one vlan goes Trunk port: A port where data of many vlans goes

access vlan 30

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.

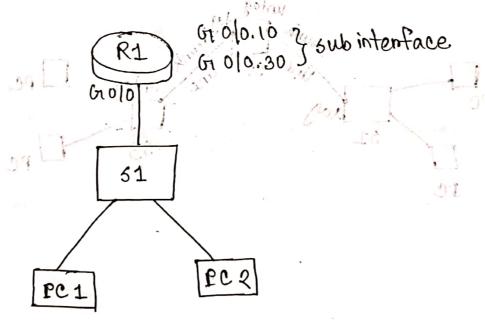


Fig: Routen-On-a-Stick