Experiment Afin : Configure défaute soute and statée Topology: Router-PT Route 1 Procedure: A ab and road gateway 40.000.1 I Select a generic nouter RO I connect an end devece PCO to soutee RO Ithrough parallel connection fast ethernet 010 III Conféque PCO with Ppaddress 10.0.0.10 and gateway (0.0.0.) Gong Select another muter RI There is a seefal connection from routes Ro to RI ie Se210 Select another router R2 and there is a serial connection from vouter RI to R2 9e Co 3/0 VII From Router & P2 Uhore connect a PC1 Morough penallel connection fallo VIII Configure PC1 with 9p address 40.0.0.10 and gateway 40.0.0.1

we also need to set up for In couler o serial 210. Now go to Route o and Cli and type Poulee 7 enable Router # config terminal Router (config of) # Enterface fastetheenet 010 Router (config of) # Ep adders 10.0.0.1 255-00 Poulee (config-1) # no shuldown "Interface fastethernet blo changed stars to up. Similarly go to Router 1 and CII and Router 7 enable Routee # config teenhal Serial 2 10 Routee (config) # Pritee face fastetheinet Poutee (config-9) # p address 20.0.0.2 255-000 loutes (config-9) # no shutdown.
"Interface Sexial 210, changed state to up So now we have to do for serial 310 Router > enable Routee (config) # Interface serial 3/0 louter (config-if) # ip address 30.0.0.21 Routee (config-f) # nochuldown
"Interface Serval 310, changed state to up" Now go to Routee 2 and cliana type Routee 7 enable Routee # config teeminal for Router (config) # Enterface fastotheoneto10 PC2 louter (config-9) # 9p address 40.00.00 Pouter (ampa-i) # no shutdown "Interface Forsternet 010 changed state tour

Router (config) # enterface serial 210.

Pouter (config-if) # ipaddress 30.0.0.2

255.0.0.0 Router (config-E) # noshertsown Now we will set static Pouto. So for that we will go to louter 1 cli and type. Routeett show ip noute C 20.0.0.0 | is directly connected socialists
C 30.0.0.0 | 8 is directly connected countries. So now again type Pouterttonfig terninal Router (config) ip address route 10.0.0.0
255.0.0.0 20.0.0.1 Router (Config) Pp route 40.0.0.0 255.0.0.0 30.0.0.2 Router (config) # exet Router # show ip route 10.0.0.0/8 via 20.0.0.1 20.0.0.0/8 is directly connected, Secial210 30.0.0.0 8 is directly connected, serial 310 40.0.0.0/8 via 30.0.0.1 No use have to set défault Route So we will go to Pouter O Router (config) # ip route 0.0.0.0 0.0.0.0 (config) # ip route 0.0.0.0 0.0.0.0

Observation so now we will go to PCO and In the command prompt type PC7 ping 40.0.0.10 Pengeng 40.0.0.10 weth 32 bytes of dara Ping statistics for 40.0.0.00 Packets: cent = 4, Received = 4, Lost=0 (0-1. loss) Course of souls traduct No to in Pel we have to go to Command prompt and hype PC 7 ping 10, 0. 109 mps (200) Penging 10.00.10 with 32 bytes Pocksti Cent = 4, Received = 4, Lost =0 Router (config) # exist Router of shows proute 10.0.0.0 8 Ma 20.0.0.1 20.0.0.018 to due dy connected 300008 in directly converted 10.0.00 NA 30.0.0.1 to set default p YOUR HOUR as to ecute 0