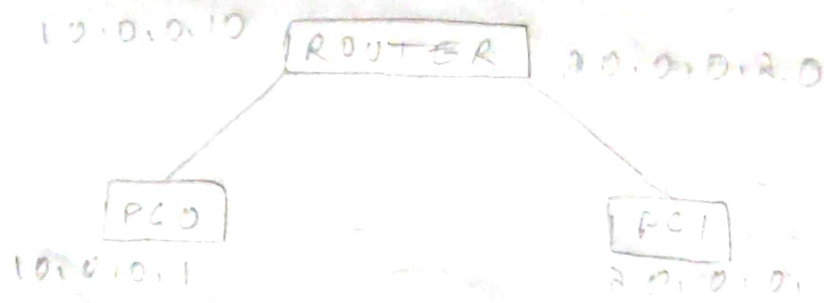


## Demonstrate working of a Router



### PROCEDURE:

- (i) connect the PC's to the router's interfaces.
- (ii) configure static IPV4 address for each router interfaces and the PC's
- (iii) set the default gateway IPV4 address for the PC's
- (iv) Ping from one PC to another

### CLI commands:

- (i) enable
- (ii) config
- (iii) interface fastEthernet 0/0
- (iv) ip address 10.0.0.10 255.0.0.0
- (v) no shut.

### OBSERVATION:

- (i) Router allows devices of different IP ranges to communicate with each other.
- (ii) the router connects different networks
- (iii) Router deals with IP address - 3 layer device
- (iv) the router differs a default gateway for the network to connect to it