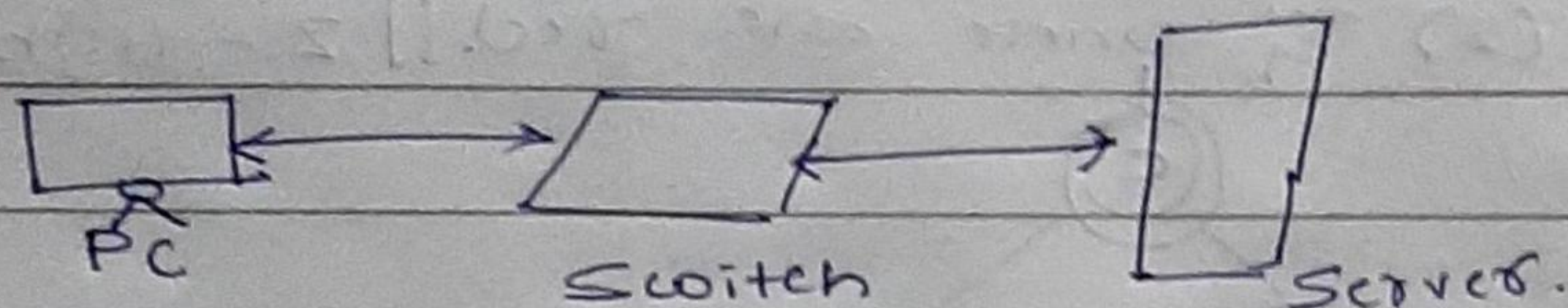


LAB 6 - CN

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IBM18CS083

1) Connecting DNS Server.



Step 1: By connecting PC to server via DHCP we assigned unique IP to PC.

Default gateway : 10.0.0.1

DNS Server : 10.0.0.2

TFTP Server : 10.0.0.2

then service turned on.

Step 2: Server → Services → DNS

Under Resource Record we add Name & address

Name: Bmsce.com address : 10.0.0.2

Step 3: Open PC → Disktop → web browser

Search for either name or direct address.



2) Connecting PC1 to PC2 via 3 routers, in that we connect 1 router to another router point to point connection (PPP).

Connection — Serial DCE

2 new command

→ encapsulation PPP

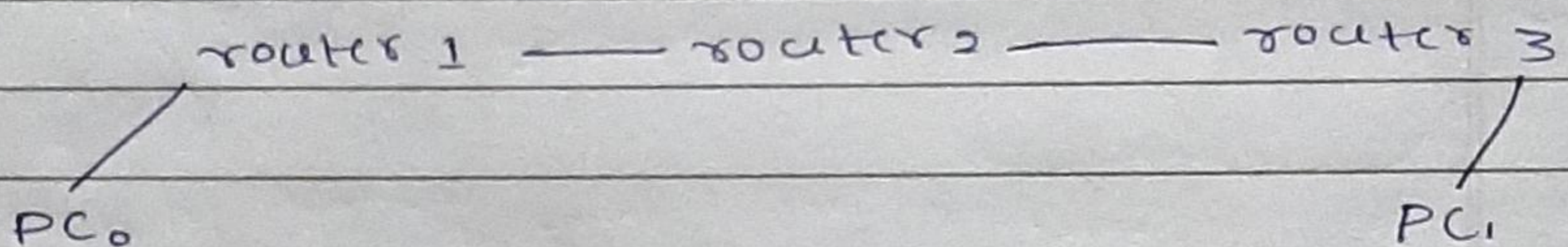
— this connect one router to another router point to point.

— clock rate 64000

output:

By doing point to point connection we can send data from PC1 to PC2 through 3 routers easily.

Connection:



→ Inside PC0

> ping IP address of PC1

• with 25% loss data will be sent to PC1 and replays are noted.