**LAB-7**

**CONNECTING TWO ROUTERS**

**STEPS:**

1. Now we will configure both routers.
2. First we will add two routers and 2 PCs connected to each and we will connect both routers with DCE serial cable.
3. After assigning ip to the PCs we will configure router 1.
4. We will type **interface serial 2/0** in configure terminal and press enter.
5. Type **ip address 10.0.0.1 255.0.0.0**
6. Type **no shutdown.**
7. Type **clock rate 64000**
8. Type exit.
9. Now on router 2 in configure terminal we will assign IP 10.0.0.2 as the same way as it is written above.
10. We will not use clock rate and then we will exit from the configure terminal of router 2.

**SETTING TELNET:**

1. Now we will set telnet for remote access.
2. Same as we done in previous in configure terminal we will type **line vty 0.**
3. type **password** abc123.
4. Type **login and** then **exit.**
5. Transport input in configure terminal **transport input telnet.**

Now both routers are connected together. Our practical is completed.