

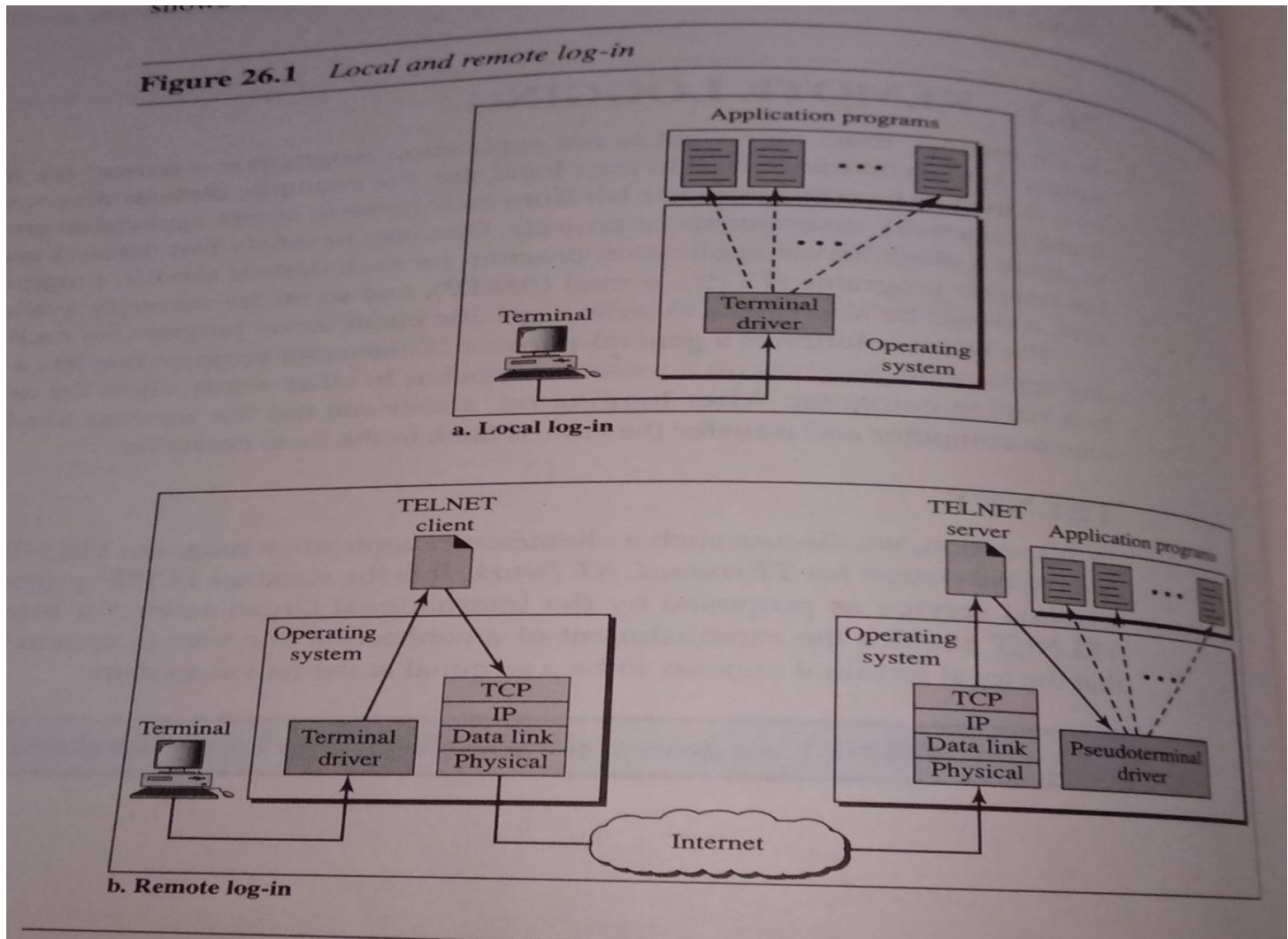
Internet and Internet services

Internet services :- services are the facility given by the internet once user connected it. Followings are the important service

1. **Telnet** :- It is the important services of internet to connect local and remote computer to exchange of data information between them . it is the abbreviation of TErминаl Network, a standard TCP/IP protocol for virtual terminal services as proposed by ISO. It establish the connection to the remote system that local computer appear as a terminal at the remote system. It was designed at a time when most OS as unix work in timesharing environment that support multiple user where they are part of the system with some right to access resources. Each user /computer identified by password and userid or login name to enter the working environment.

There are problem in timesharing OS that OS create problem to distinguish the user in heterogeneous

environment and need an emulator program. Telnet solve this problem by creating Network Virtual terminal (NVT) The architecture of telnet may be shown as :-



When the user want to access an application program or utility located on remote computer, they perform remote login .here, telnet client and server program come into use. The user sends data to the terminal driver where Local OS accept but not translate. The data

sent to telnet client that translate into NVT character and deliver to the local TCP/IP protocol stack for connection. Again this character transfer to remote telnet server to establish connection b/w local and remote computer. here, remote computer is virtual computer network.

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