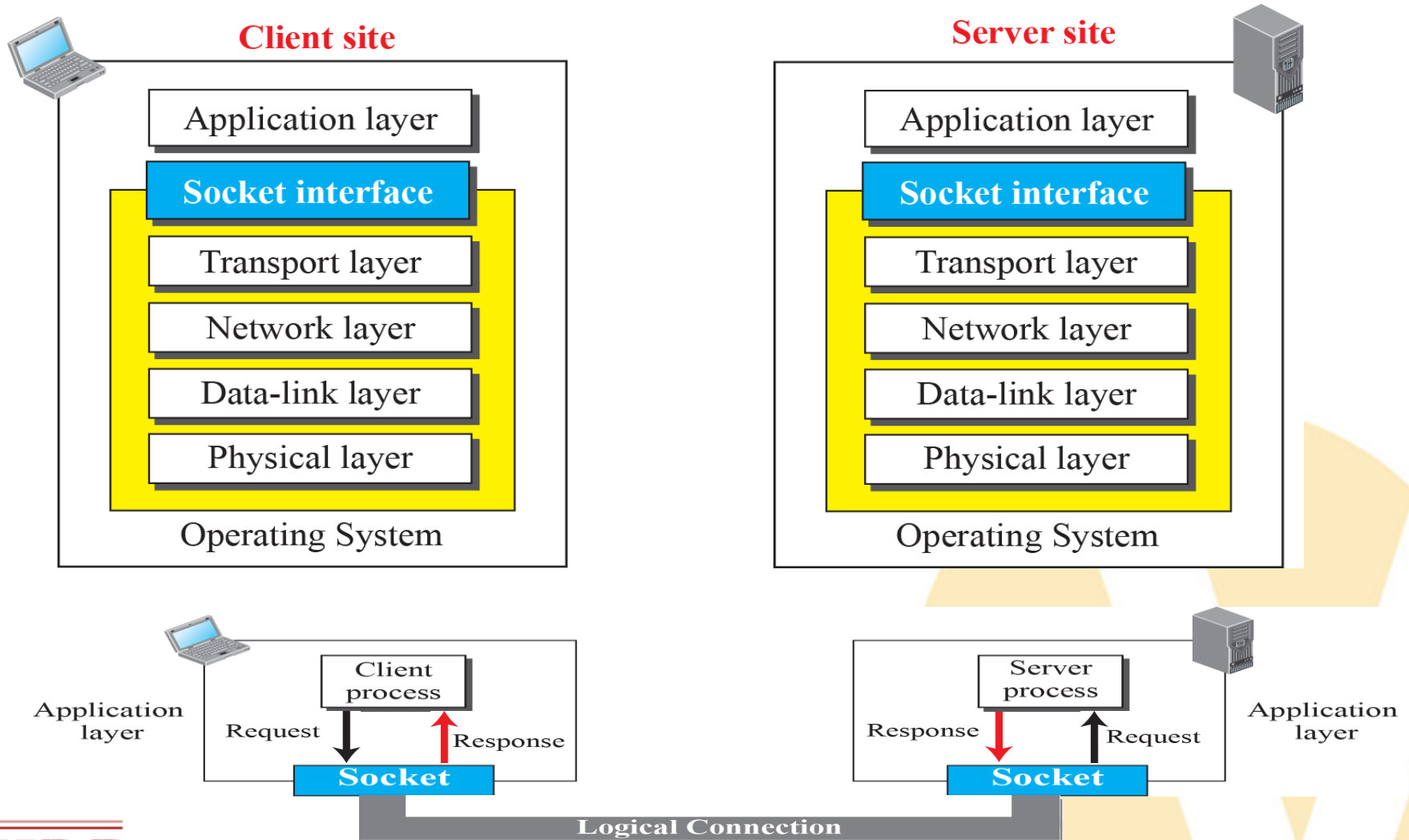


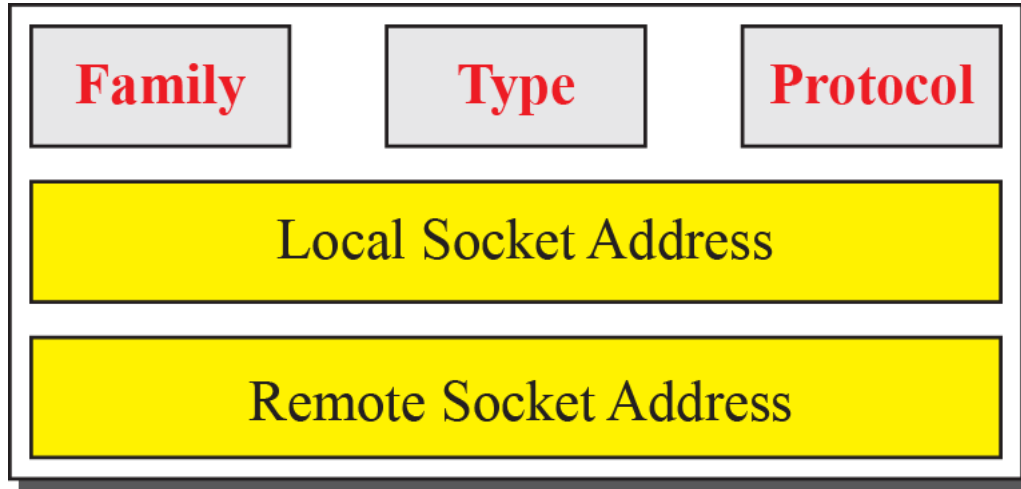
# Additional Charts on Sockets

**EE450: Computer Networks**  
**University of Southern California**  
**Professor: A. Zahid**

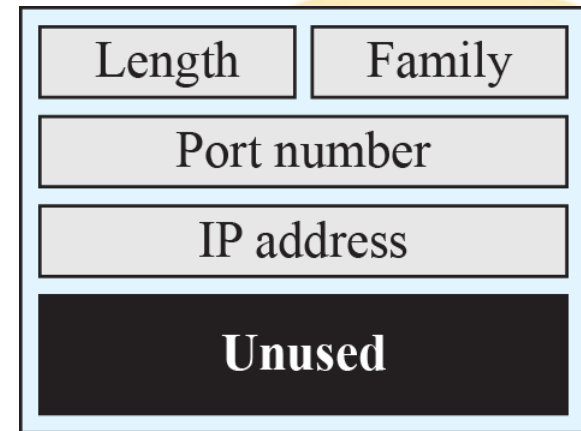
# Concept of Sockets



# Socket Structure and Address

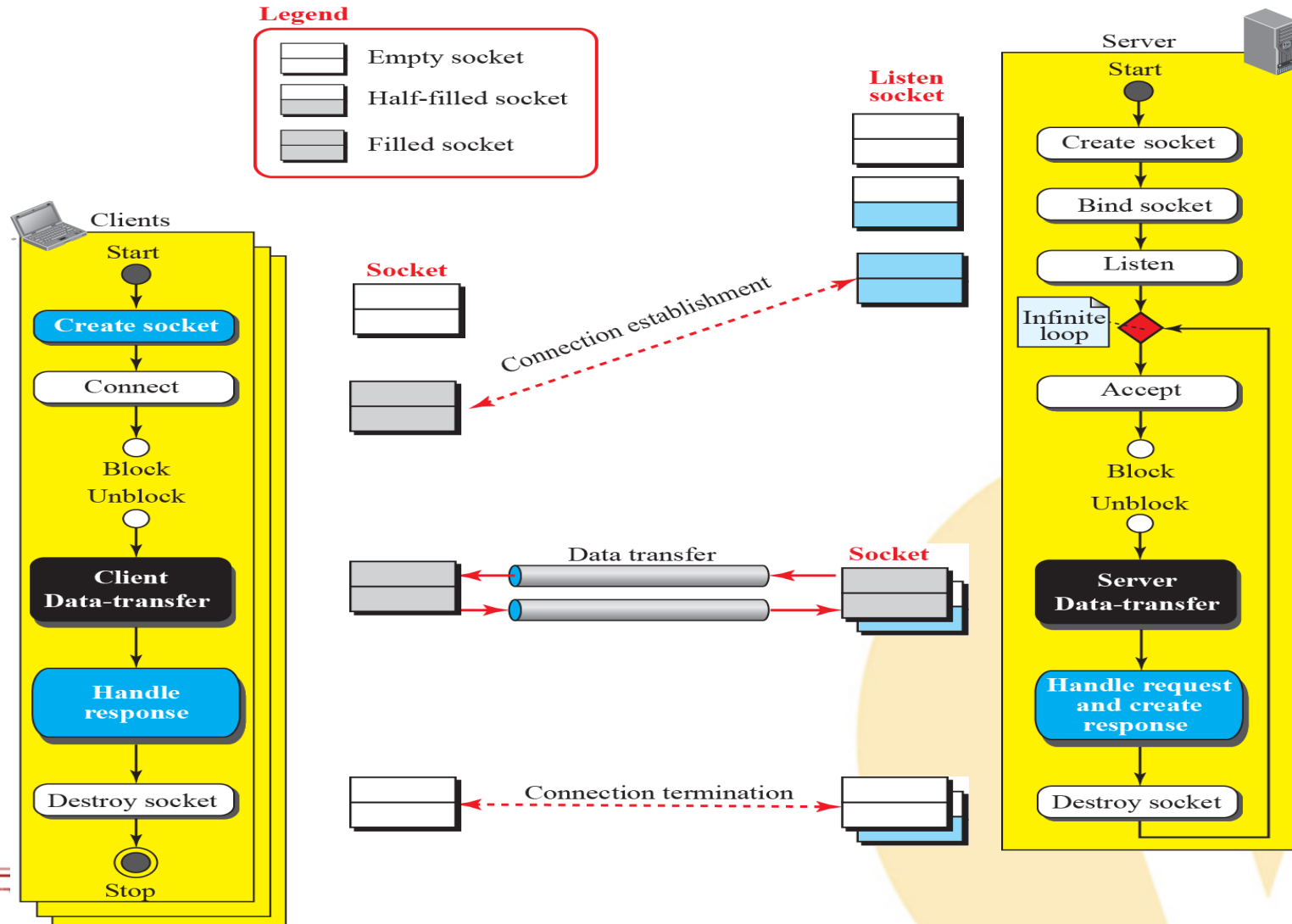


**Socket**

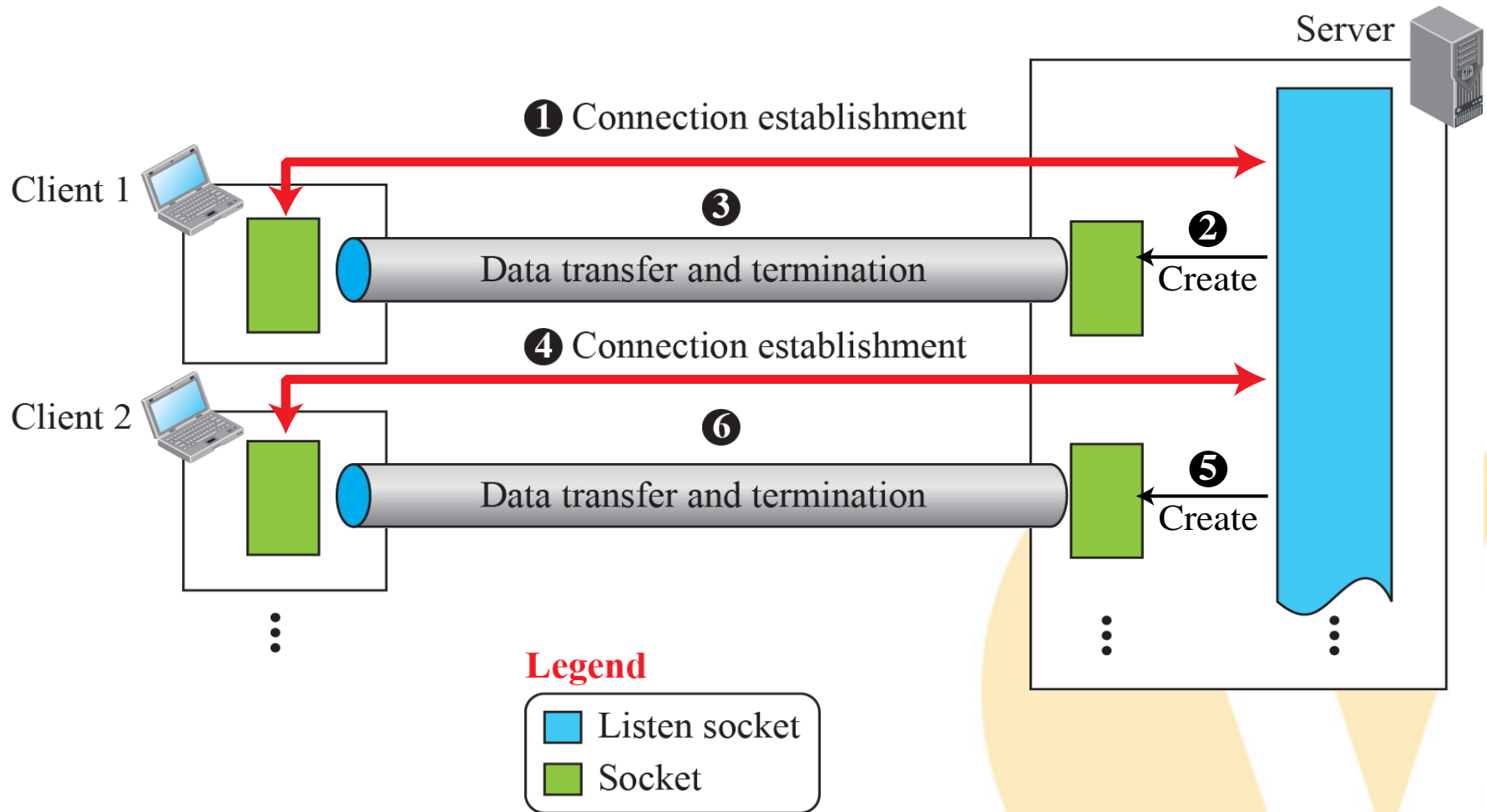


**Socket address**

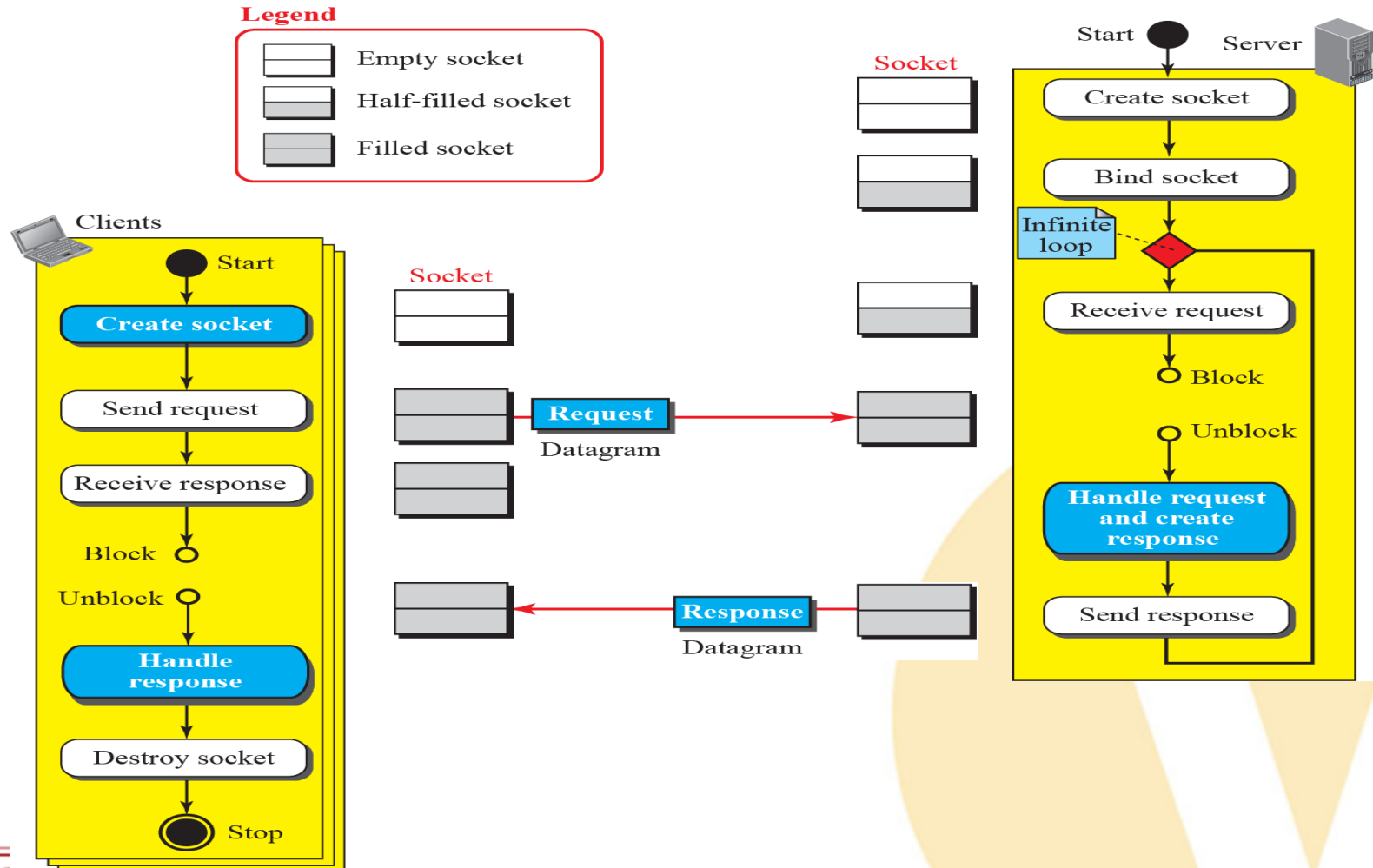
# TCP Sockets (Stream Sockets)



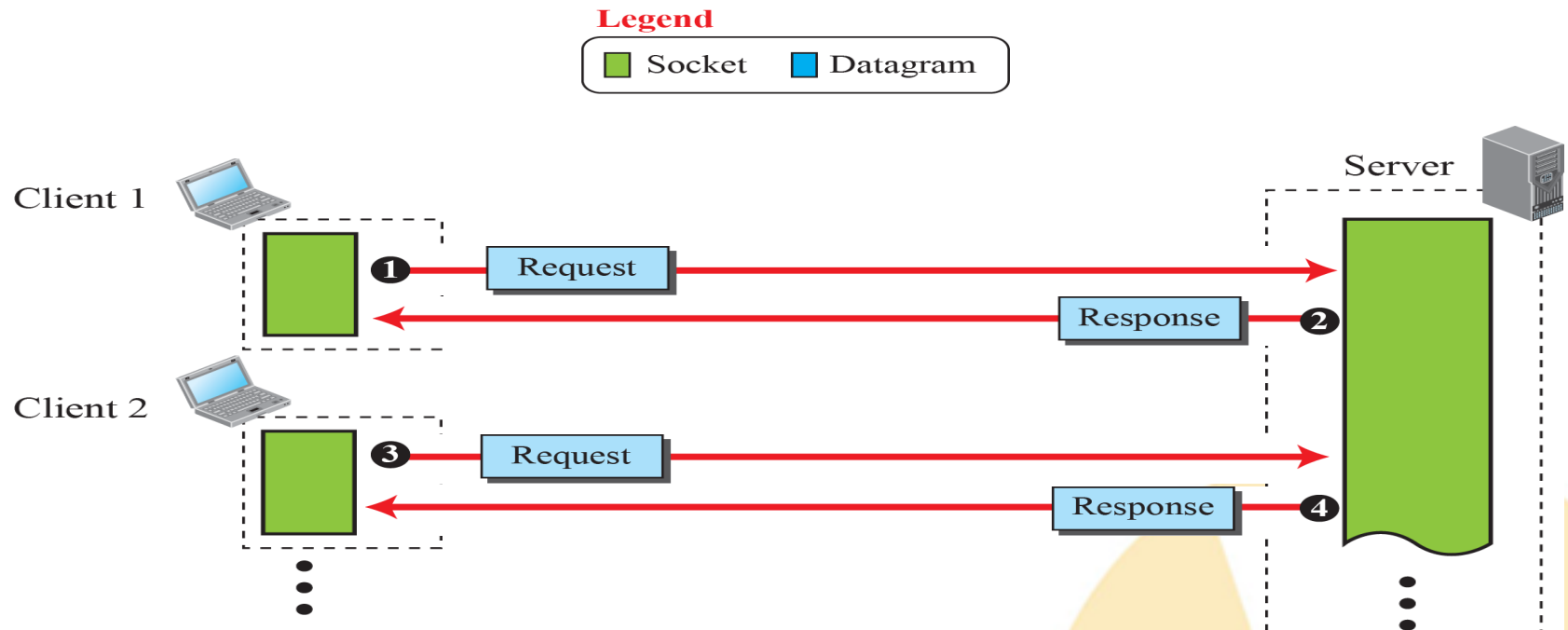
# TCP Sockets (Concurrent)



# UDP (Iterative) Datagram Sockets



# UDP Datagram Sockets (Iterative)



An iterative server can process one client request at a time; it receives a request, processes it, and sends the response to the requestor before handling another request. When the server is handling the request from a client, the requests from other clients, and even other requests from the same client, need to be queued at the server site and wait for the server to be freed.