

Assignment Project Exam Help
Additional Charts on Sockets

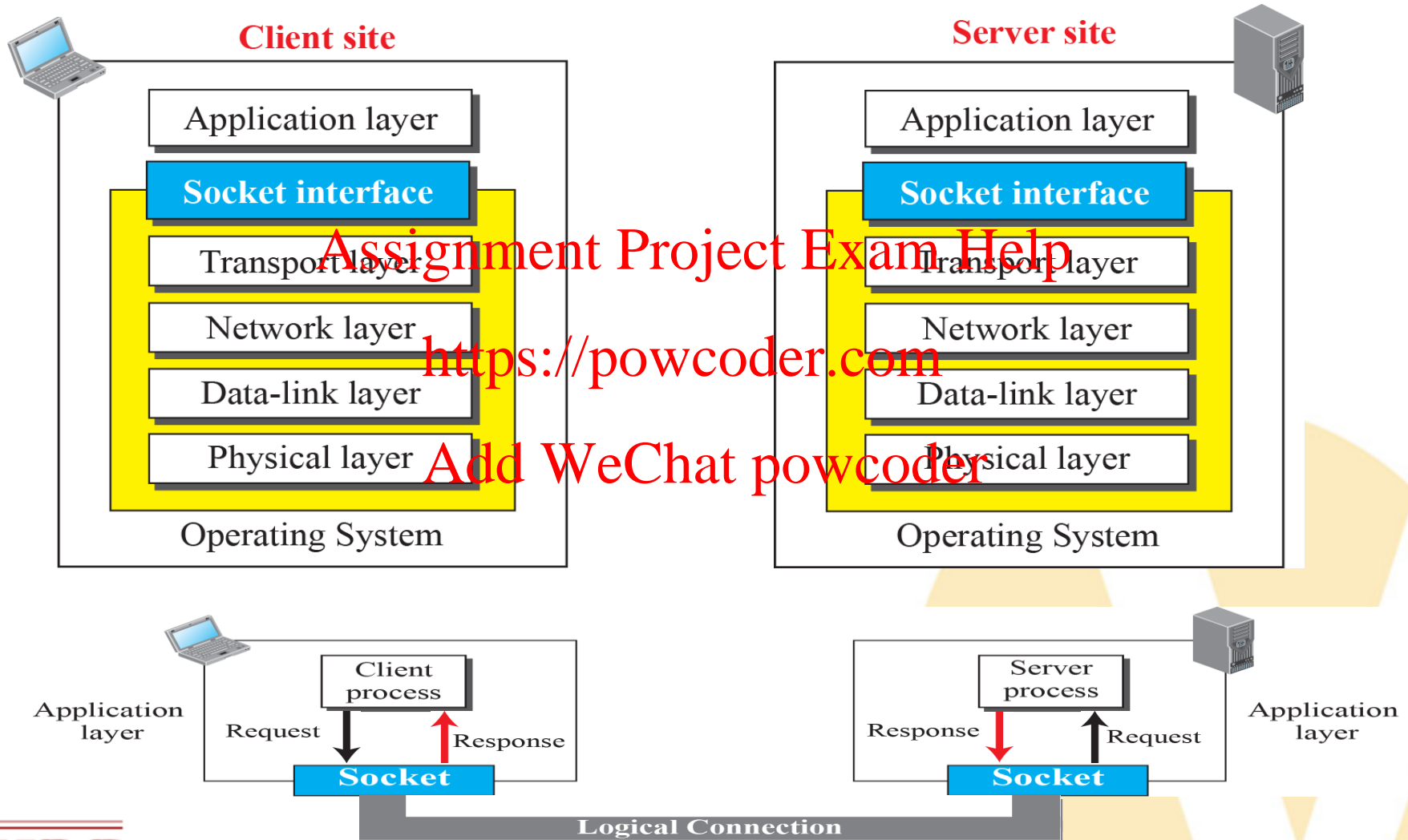
<https://powcoder.com>

EE450: Computer Networks
Add WeChat powcoder

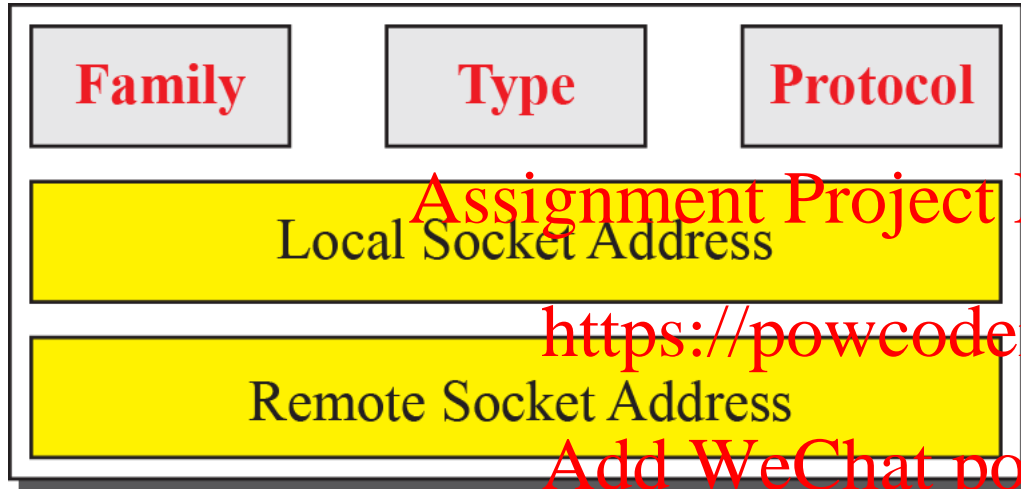
University of Southern California

Professor: A. Zahid

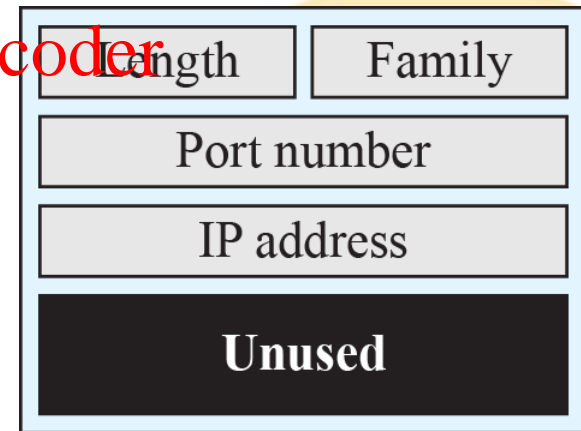
Concept of Sockets



Socket Structure and Address

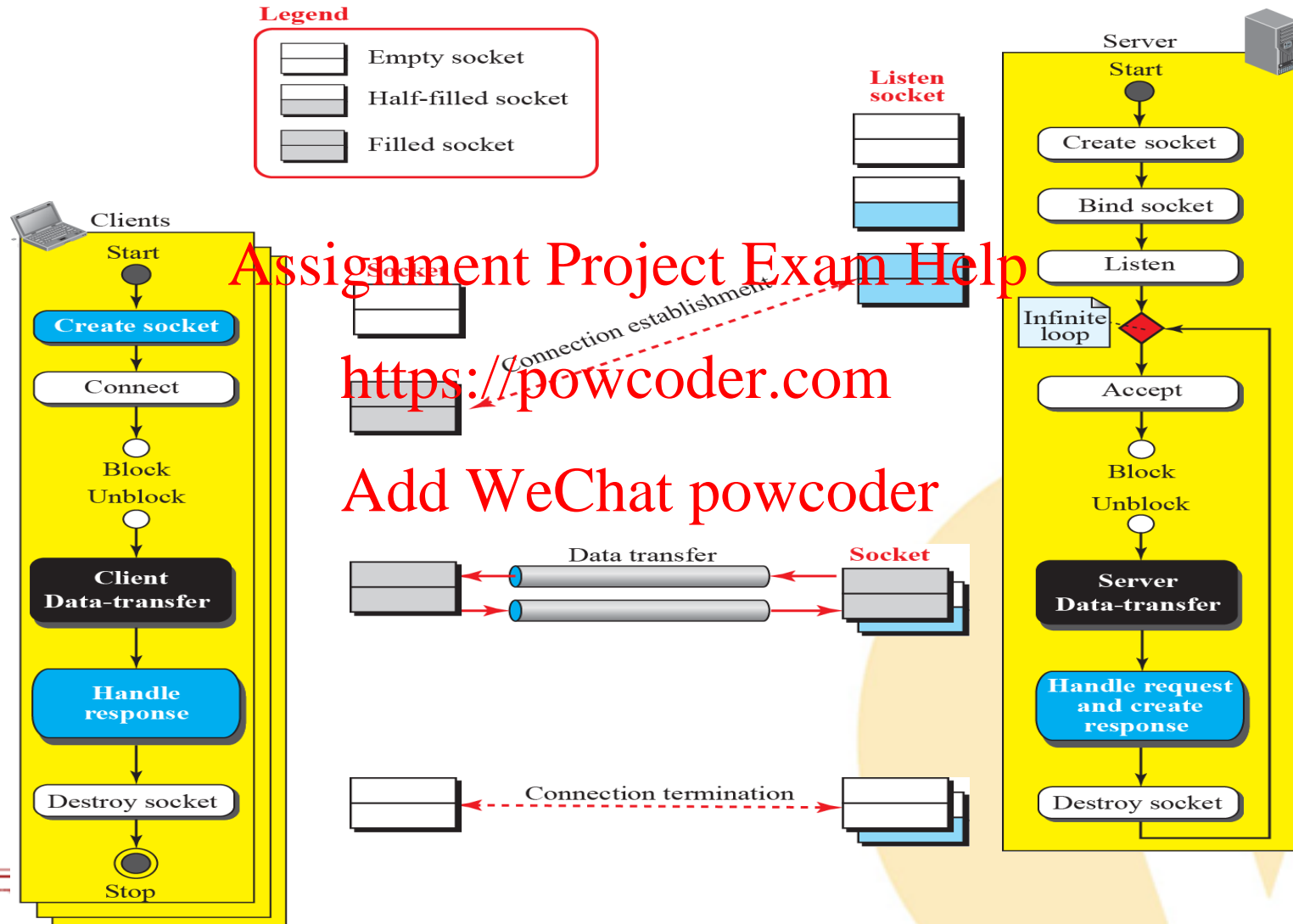


Socket

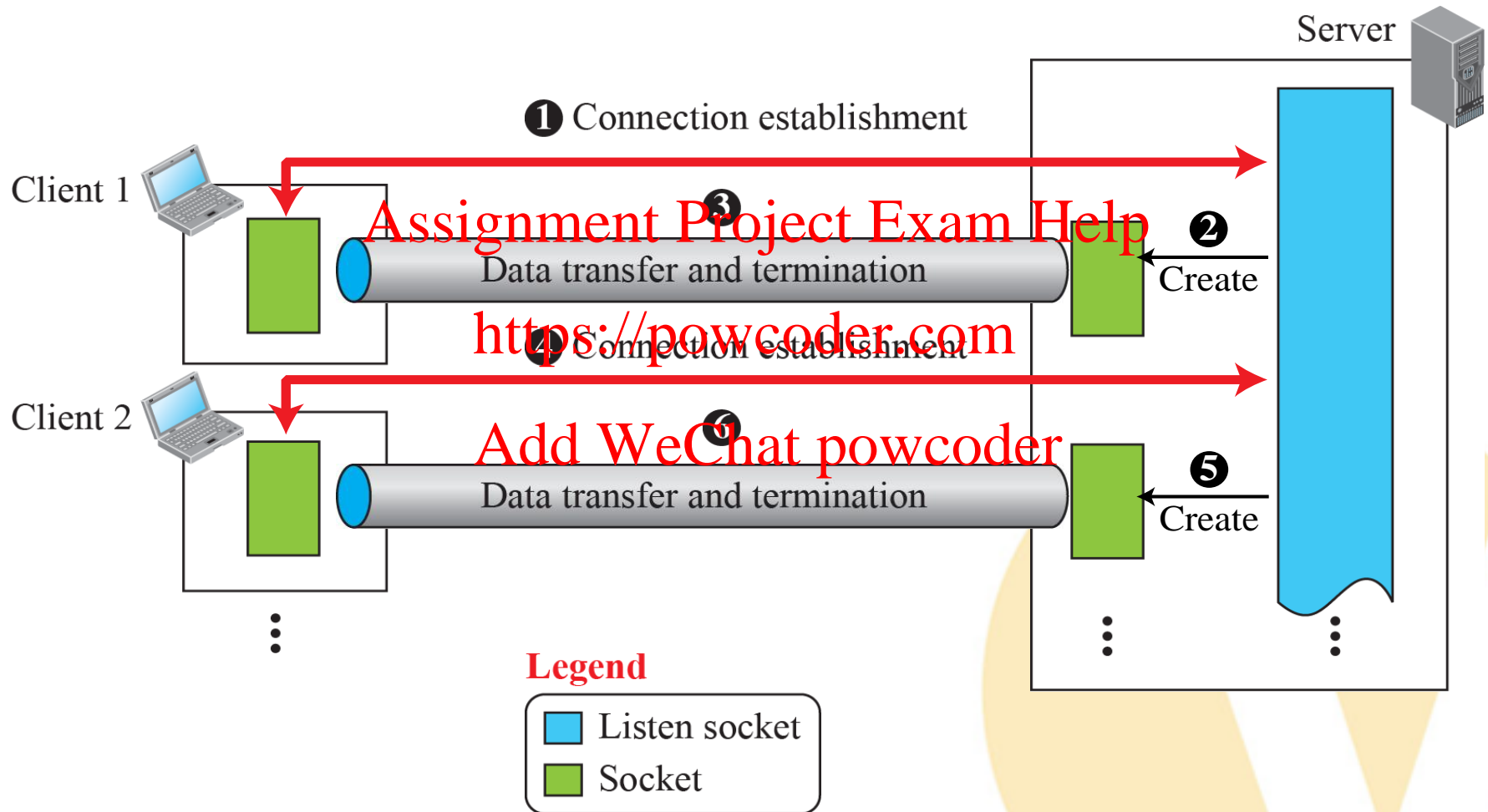


Socket address

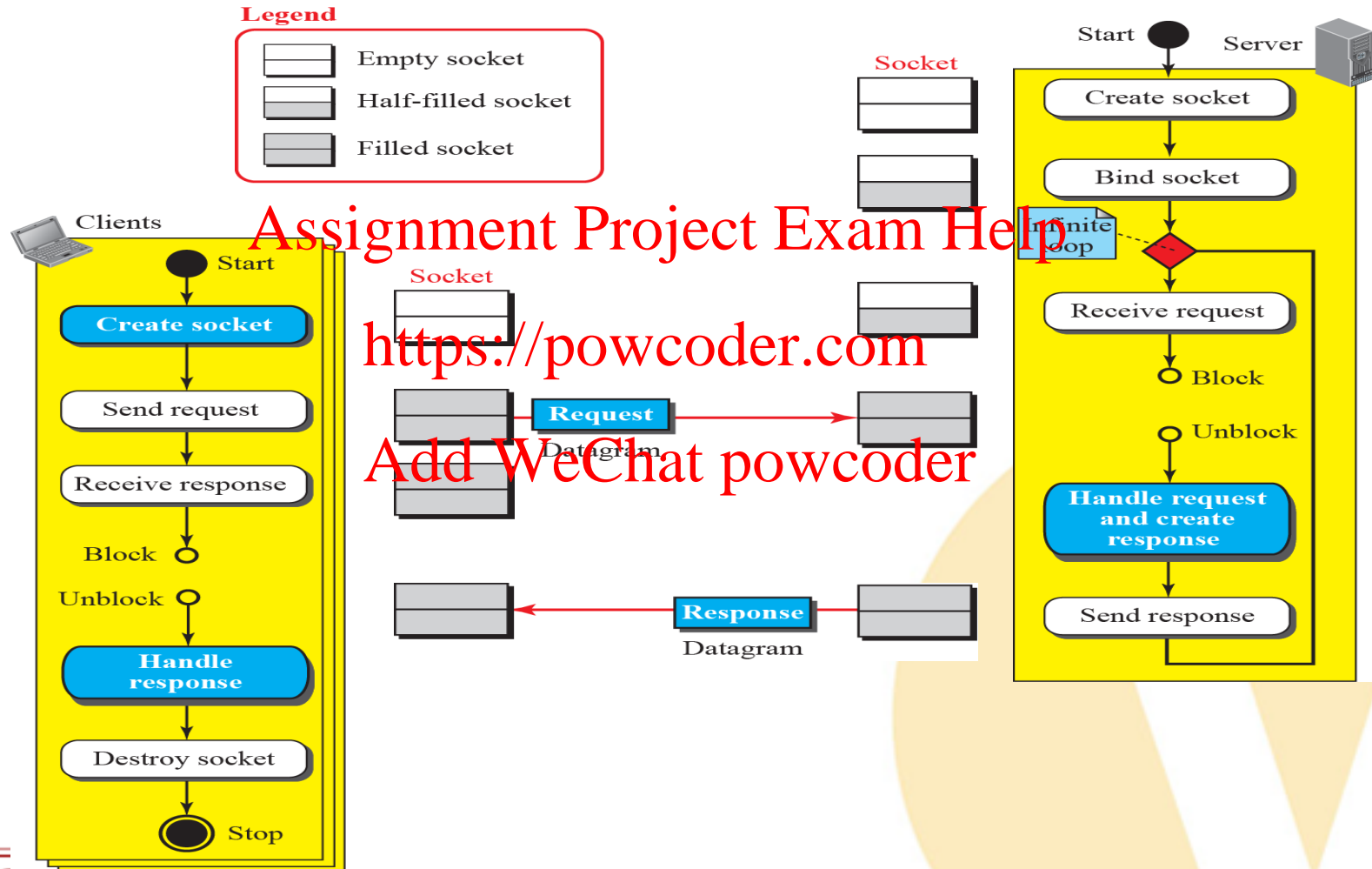
TCP Sockets (Stream Sockets)



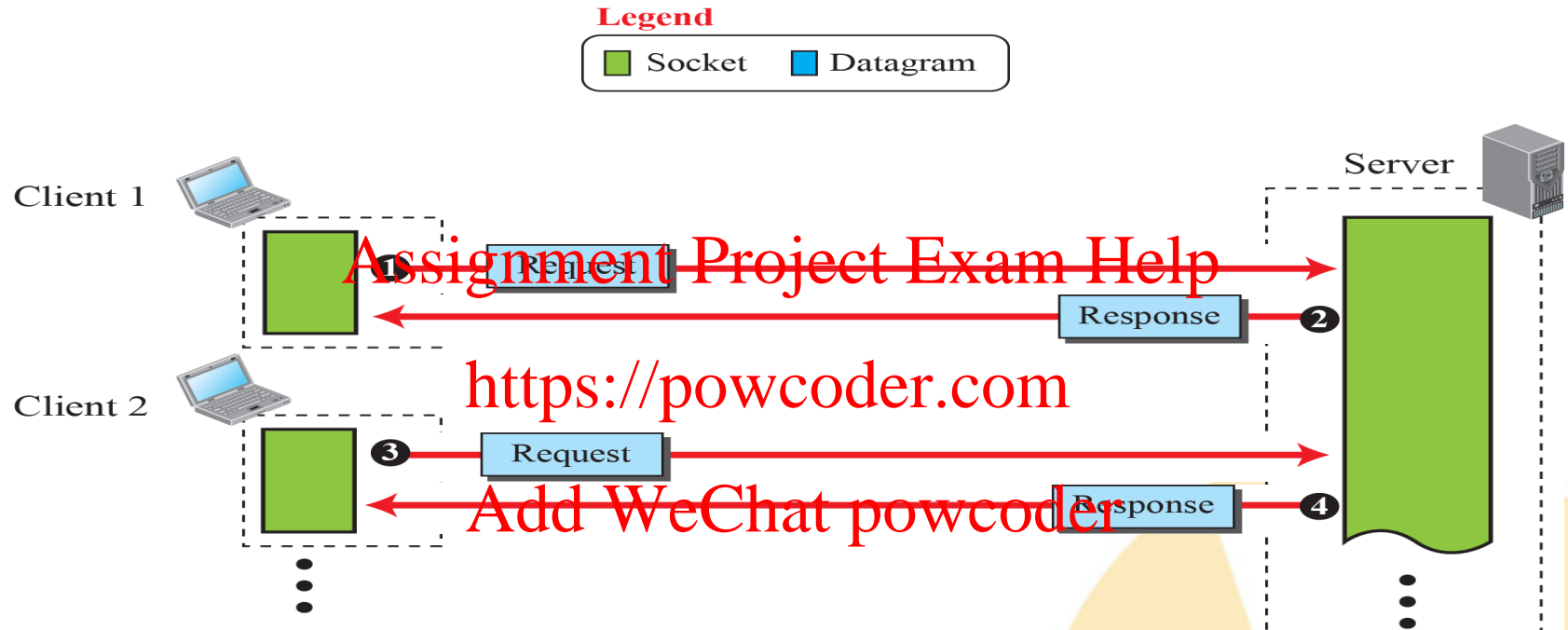
TCP Sockets (Concurrent)



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.