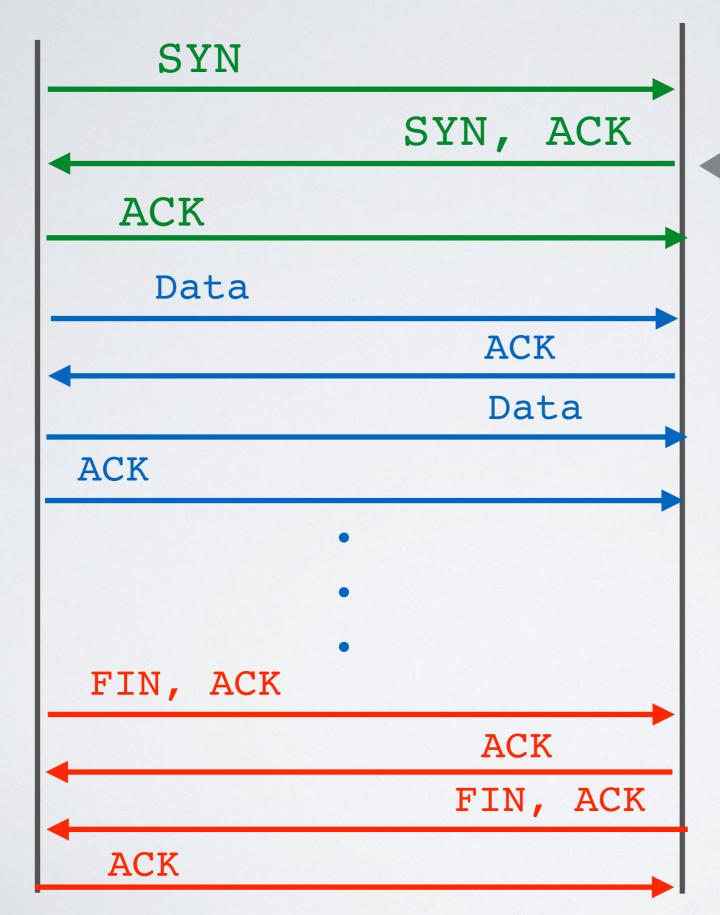
## TCP - Transmission Control Protocol

- The sender divides data-stream into packets sequence number is attached to every packet
- The receiver checks for packets errors, reassembles packets in correct order to recreate stream
- ACK (acknowledgements) are sent when packets are well received and lost/corrupt packets are re-sent
- → Connection state maintained on both ends

## Anatomy of a TCP connection







The server allocates resources to handle that connection (thread, buffer and others)