

Daniel Steele  
Lab #3

TCP clients go through four (4) basic steps. What are those steps (including the associated function calls (e.g., `dosomething()`) )?

The four basic steps creating the socket, connecting to the sever, transferring data, and then closing the connection. To complete these steps the following system calls can be used:

- Creating a socket : `socket()`
- Connecting to the server: `connect()`
- Transferring data: `write()` and `read()`
- Closing the connection: `close()`

Each of these system calls also have their associated parameters that them where to access and store information that either is being returned or is needed for the function (Stevens, Fenner, & Rudoff, 2004).

## References

Stevens, W. R., Fenner, B., & Rudoff, A. M. (2004). Unix network programing (3<sup>rd</sup> ed.). Boston, MA: Pearson Education.