WEEK 2 IOS LAB OBSERVATION WRITING

EXPERIMENT NAME:

2	System Calls: Build simple Client-Server program to transfer file from server to client using system calls open (), read (), write () and close ().

GOAL:

Familiarizing with basic system calls open(), read(), write() and close() to do System Programming using C language. (Use man command to know the definition and usage of each of the system calls)

1. Students need to submit week 1 tasks observation write-up in the respective week 3 Lab before the lab starts.

2. Students need to keep the observations stacked on the table in the sequence of your SRN number into 2 halves (left half and right half of the lab). Keep open the observations from the page correction needs to be done.

3. **OBSERVATION Write-Up on LEFT SIDE PAGE**

   - **Write the C code of the missing TODO: lines for the client and server programs.**

   - **Comment each line justifying the line code logic.**

4. **OBSERVATION Write-Up on RIGHT SIDE PAGE**

   - **Compilation and Execution Steps of both client and server programs.**

   - **Programs Output.**