CS 3305A Assignment 5 FAQ:

FAQ 1: What data structure should we use to store and process the input file?
Answer: We can use any data structure, such as an array, structure, etc., for your implementation.

FAQ 2: In the input file, every client has a set of operations, e.g., c2 w a1 300 d a4 200, where client c2 performs two different operations on account a1 and a4. Do I need to maintain the operation sequence for any client?
Answer: Yes, you must execute the operation in sequence for a particular client. But any client can perform their operation at any time, and you need to manage the access of critical sections.

FAQ 3: Are we supposed to be using threads to perform the transactions?
Answer: Yes, you should use thread to perform the operations for each client.

FAQ 4: Do we create a thread for every operation?
Answer: Thread should be created for every client instead of every operation.

FAQ 5: Do you need to synchronize the parallel operations on two different accounts?
Answer: Accessing a different account doesn't mean accessing the same resource. From a critical section perspective, we need to synchronize the access of the shared resource only.