Cluster and Server Details:

- **Cluster C1** (Data: 1-1000): Servers S1, S2, S3
- **Cluster C2** (Data: 1001-2000): Servers S4, S5, S6
- **Cluster C3** (Data: 2001-3000): Servers S7, S8, S9

Test case	Input	Output
Basic Intra shard (success)	(100, 200, 3)	Transaction commits, balances update, log recorded.
Basic cross-shard (success)	(100, 1500, 2)	2PC initiated, consensus reached, transaction commits.
Basic cross-shard (failure)	(100, 1500, 15)	Transaction aborts due to insufficient funds.
Concurrent Intra-shard	(100, 200, 4) in C1, (1500, 1600, 2) in C2	Both transactions commit independently.
	(100, 200, 12) in C1, (1500, 1600, 2) in C2	First transaction fails due to insufficient funds. Second transaction commits.
Concurrent cross shard	(100, 1500, 1), (200, 1600, 4)	Both execute 2PC, and commit.
	(100, 1500, 1), (200, 1600, 11)	Both execute 2PC. First transaction commits. Second aborts due to insufficient funds.
Crash one node in a cluster	(200, 100, 1), crash 1 out of 3 nodes in C1	Transaction proceeds
Raft failure in intra-shard	(200, 100, 1) C1 loses majority	Aborts
Partition the leader in a cluster	(200, 100, 1)	New leader elected, transaction continues
2PC failure due to cluster partition	(200, 1500, 2), C2 is partitioned	Aborts

NOTE: *Please make sure you handle the cases where the client might initiate a transaction with a non-existent server(eg. 3050).*