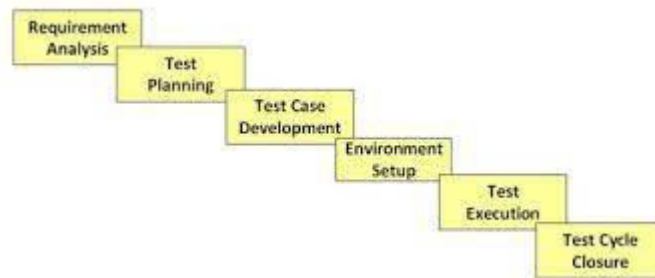


Software Testing Life Cycle

STLC: STLC is the fundamental part of the SDLC, but STLC consist of only testing phases. STLC is a sequence of specific activities conducted during the testing process to ensure software qualities goal are met. STLC involves both verification and validation.

STLC Phases:



- **Requirement Analysis:** It is the first step of software testing life cycle. In this testing life cycle, quality assurance team understands the requirements like what is to be tested.
- **Test Planning:** Here all testing plans are defined. In this phase manager of the testing team calculates estimated efforts and cost for the testing work.
- **Test Case Development:** In this phase, team note down the detailed test cases. Testing data team, also prepares the required test data for testing.
- **Test Environment Setup:** It is vital part of STLC. Basically test environment decides the conditions on which software is tested.
- **Test Execution:** In this phase, testing team start executing the test cases based on prepared test cases.
- **Test Closure:** It is the last stage of STLC in which process of testing is analyzed. It involves:
 - ❖ Complete reporting
 - ❖ Test results
 - ❖ Lessons from current test cycle

