

PRINCIPLES OF SOFTWARE TESTING

Software testing is a fundamental component of software quality assurance and represents a review of specification, design and coding.



IMPORTANT PRINCIPLES OF SOFTWARE TESTING

1. Test can never find 100% of the included errors.
2. Testing must be done by an independent party.
3. Assign best personel to the task.
4. Test for invalid and unexpected input conditions as well as valid conditions.
5. Keep software static during test.



6. Provide expected test results if possible

7. Test is not debugging

8. Test has the goal to find errors and not their reasons

9. Test is a formal activity

10. Test is a planned activity

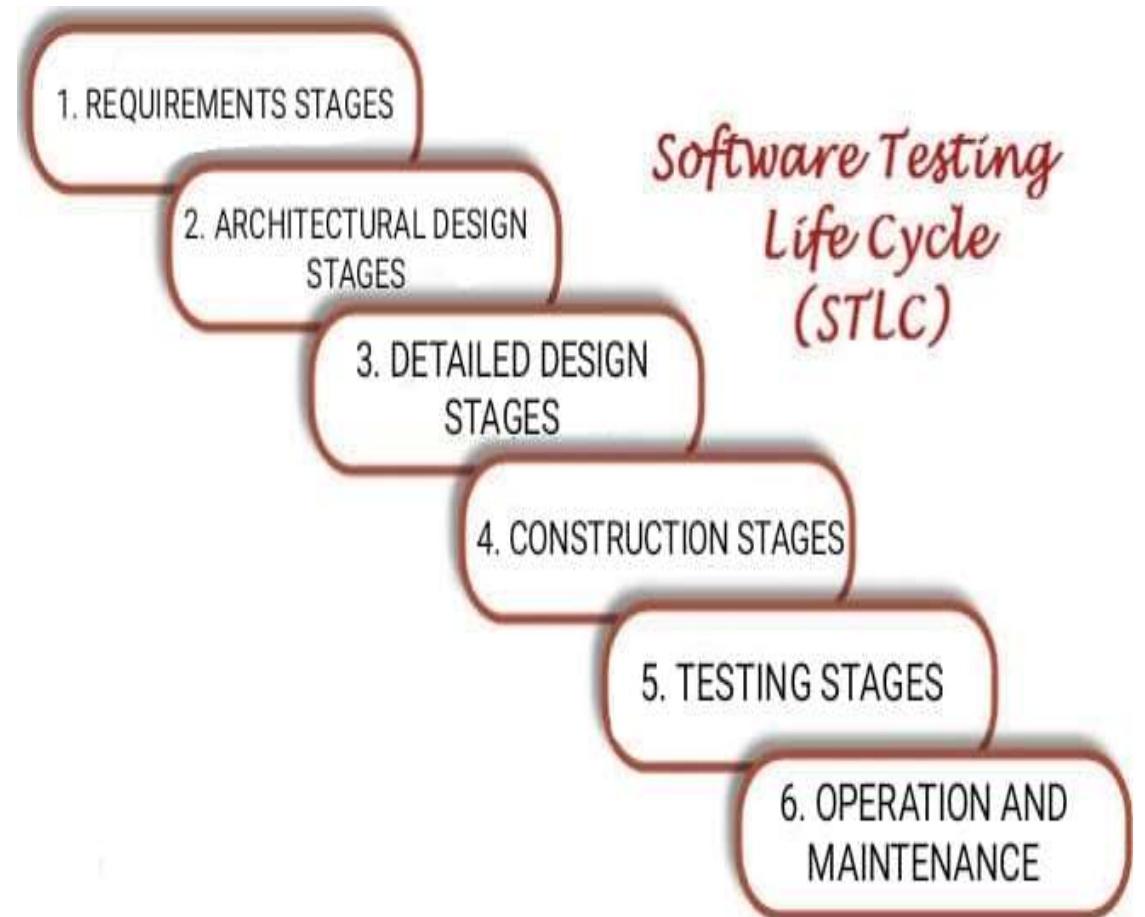
11. Test is the formal proof of software quality



TESTING PROCESS/STLC SOFTWARE TESTING LIFE CYCLE

Software Testing Life Cycle:-All stages of the software life cycle. Testing is an All parts of the software process.

1. Requirements Stages
2. Architectural Design Stage
3. Detailed Design Stage
4. Construction Stage
5. Testing Stage
6. Operation and Maintenance Stage
7. Software Process Management





Thank You