

# Software Testing

What is a Software Testing

Manual Testing

Difference Between Error Mistake

Fault Bug Failure Defect

## Testing Artifacts

Test Basis

Test Case Specification

Test Scenario

## Testing Process

Principles of Software Testing

Test Process in Software Testing

Software Testing Life Cycle

## Software Development Life Cycle

WaterFall Model

Iterative Model

Spiral Model

V-Model

RAD Model

Prototype Model

## Testing Levels

Functional Testing

Unit Testing

Smoke Testing

Sanity Testing

Regression Testing

User Acceptance Testing

UAT Alpha Testing & Beta Testing

End-to-End Testing

## Non Functional Testing

Performance Testing

Load Testing

Stress Testing

Security Testing

What is Reliability Testing?

### Testing Methods

Black Box Testing

White Box Testing

Gray Box Testing

### Dynamic Testing Technique

Specification Based Testing

Orthogonal Array Testing

Technique Orthogonal Array testing

Case Study for major supermarket retailer

### Testing Terms

Adhoc Testing

What is an Incident And Incident Report in software testing?