

Software testing

Types

Functional testing

- Unit Testing.
- Smoke testing.
- Sanity testing.
- Integration Testing.
- System Testing.
- Regression Testing.
- UAT.

Non functional testing

- Load/Performance testing.
- Compatibility testing.
- Localization testing.
- Security testing.
- Reliability testing.
- Stress testing.
- Usability testing

Models / methodologies

- Waterfall model
- Iterative model
- V-model
- Agile

Techniques

- Back box
- White box

Software development life cycle

Software testing life cycle

Bug life cycle

Java

Introduction

DataTypes

Operators

Conditional statements and loops

Arrays

How to work on Eclipse IDE

OOPs concepts

- Classes and Objects
- Inheritance
- Abstraction
- Polymorphism

Interface

Access modifiers

Packages

Collections

Exception types

Try catch finally

File operations

- Reading and writing text file
- Excel file read and write operations

Keywords

Selenium

Basic

Intro

HTML Elements

Selenium Identifiers / locators

- Id
- Name
- ClassName
- Tagname
- LinkText
- Xpath and css

Browser plugins for locators

Perform operations on

- TextBox
- CheckBox
- Radiobutton
- ListBox
- Dropdown
- iFrames

Downloads

Run tests on different browsers

Selenium waits

Taking screenshots

Advanced

Handling

- multiple browser windows
- Alerts
- WebTables

Download a file

Upload a file

Drag and drop

Java script injection

Grid

TestNG

- Intro
- Annotations
- Attributes
- Examples

Framework

Standards

Page object model

Reporting

Code snippets