

COURSE CONTENT

- What is Framework
- How to start with Framework.
- Types of frameworks
- What is Keyword Driven Framework
- What is Data driven Framework
- What is Hybrid framework
- How to create Data driven Framework
- How to use Use Data Driven Framework.
- Importance of Data Driven Framework
- Installation of eclipse
- Installing selenium – java files required
- Setup of Java in system
- Uploading required files in to eclipse
- Creation of project
- Creation of Class
- Creating & executing first program
- Basic commands of Selenium webdriver
- Installing the Firebug
- Various developer tools for browsers for
- identification of web-elements
- Various locator techniques
- ID, name, Xpath, CSS
- Importance of Xpath
- Absolute & relative Xpath
- First program on locator techniques
- Live example on an application
- Firefox
- Internet Explorer
- Chrome
- Difference between various drivers
- Live example on an application
- Handling Checkboxes.
- Radiobuttons.
- Dropdowns.
- Calendars.
- IsSelected Method.
- Is displayed Method.
- Live examples on applications
- Exercise on above functionalities

- Handling Alerts.
- Methods to handle sudden alerts on applications
- Handling Tables.
- Handling the automation of table data
- Getting cell data & printing the output
- Live examples on applications
- Exercise on above functionalities
- Ajax functionalities.
- WebDriver sleep methods.
- Handling above functionalities using various methods
- Actions Interface introduction.
- Actions methods.
- Handling ui/li tags CSS Menu Selectors.
- Right clicking on element.
- double clicking, drag and drop,
- Writing text in CAPS.
- Keyboard Interactions.
- Exercise on above functionalities.
- What are frames
- How to identify the frame id.
- Frame tag names.
- Switching to and from frames.
- Live example & commands for above
- Exercises on above functionalities.
- Introduction to java script executor
- Usage of Java script executor
- Javascript Executor.
- What is TestNG
- How to Use of TestNg.
- Installing TestNG in Eclipse
- Difference between Junit & TestNG
- What is an Annotation
- Importance of Annotations
- Types of TestNG Annotations.
- What is TestNG xml file.
- How to create TestNG xml file
- Executing scripts with TestNG:
- How to execute Tests using TestNG
- Executing single Test with TestNG
- Executing selected scripts with TestNG

- Executing Scripts in group.
- What is Maven
- Importance of Maven
- Difference between Ant & Maven
- Installing Maven
- Setup of Maven in system
- Prerequisite for Maven in computer
- Verifying the existence of maven after setup
- Designing real time project with Maven
- Real time project