

Start Date: ___/___/2015

Selenium 2 with Java

<p>Core Java and OOPs</p> <ul style="list-style-type: none"> Introduction Data Types Operators Control Statements Introduction to Class Classes and Methods Inheritance String Interfaces Packages Exception Handling 	<ul style="list-style-type: none"> Identifying WebElements using id, name, class Handling Dynamic objects/ids on the page Taking Screenshots of the web pages 	<p>Introduction to Grid 2</p> <ul style="list-style-type: none"> Creating Nodes and Hubs Deciding number of browsers on a Node Deciding type of browsers on Node Limiting number of concurrent browsers on node Difference between maxSession and maxInstance Configuring chromedriver and IEdriver exe files on grid Testng configurations
<p>Introduction to Selenium IDE</p> <ul style="list-style-type: none"> Installing Selenium IDE Recording Script Running, Pausing and debugging Script Running a script line by line Inserting commands in between script XPATHS and installing firebug to get XPATHS Wait Commands Verification and Assertions Should I use verify or assertion JavaScript User-extension.js Echo, StoreEval and StoredVars Creating your own user extensions 	<p>JUnit 4 Framework</p> <ul style="list-style-type: none"> What is JUNIT Configuring Junit 4 in Project/Eclipse JUnit 4 annotation Running Test in Junit Skipping Tests Parameterizing Tests Using Assertions Reporting Errors / ErrorCollector Batch Running - Custom Runners Grouping test cases Setting priority of execution for test cases <p>TestNg Maven Configuration</p> <ul style="list-style-type: none"> Executing testng from maven on Command Prompt 	<p>TestNg Framework / ANT/Maven</p> <ul style="list-style-type: none"> What is TestNg Installing TestNg in Eclipse TestNg annotations Understanding usage of annotations Running a Test in TestNg Batch Running of tests in TestNg Skipping Tests parameterizing Tests - DataProvider Assertions/Reporting Errors TestNg Reports Advantages over Junit <p>Jenkins Integration</p> <ul style="list-style-type: none"> What is continuous integration How Jenkins helps in continuous integration Downloading and Installing Jenkins Executing simple batch commands Build project at will and build at intervals/ Scheduling builds
<p>Selenium WebDriver</p> <ul style="list-style-type: none"> Why WebDriver? Downloading WebDriver Jars and configuring in eclipse Architecture WebDriver Drivers for Firefox, IE, chrome, First Selenium Code Working with chrome and IE Selenium RC and WebDriver Concept of Firefox profile HTMLUnit driver and desired capabilities 	<p>Page Object Model(POM)</p> <ul style="list-style-type: none"> What is POM When to use POM Inheritance and Encapsulation in POM Designing POM classes Putting up test configurations in a properties file Building Page class Building generic utility functions Batch running the test cases Using junit/testng to execute test cases 	<p>Framework Implementation Interview Preparation</p> <p>The Optimism Computer Education LLP R.H. No.8, Sundervan Society, Sec-2, Opp. to Data Meghe College of Engg. Airoli, Navi Mumbai- 400 708</p> <p>M: 8424005321/9930713292 www.theoptimismce.in</p>