

Selenium Course content

<p><u>A. Core Java</u></p> <ul style="list-style-type: none">• Setting up Java Introduction• First Java Program• Control Structure in Java• Loops in Java• Strings in Java• Date• Writing A class• Abstraction & Encapsulation• constructor• Methods having parameters• Methods returning value• Access Modifiers• Inheritance• Types of Inheritance• this and super keyword• Polymorphism : overloading, overriding• keyword Static• Abstract class & interfaes• JDBC• Exception Handling• Collection <p><u>B. Selenium WebDriver</u></p> <p>Selenium Basics</p> <ul style="list-style-type: none">• Introduction• Why the name Selenium• Selenium Vs UFT• Why we can't test captcha in selenium• Setting up Selenium Project• Selenium Basic Methods• Locators in Selenium• Operations on HTML elements• Waits in Selenium <p>All about XPATH</p> <ul style="list-style-type: none">• xpath Simplified• Xpath in latest firefox• Xpath in Chrome• Xpath in Chropath	<p>Reports, Screenshots & video Recording</p> <ul style="list-style-type: none">• HTML Reports• Reports by ReportNG• Taking Screenshot• Extent Reports• video recording of you test <p>JUNIT & TestNG</p> <ul style="list-style-type: none">• Junit• @Before• @After• @BeforeClass• @AfterClass• TestNG• Annotations• @BeforeSuite• @AfterSuite• @BeforeTest• @AfterTest• @BeforeGroups• @AfterGroups• @BeforeClass• @AfterClass• @BeforeMethod• @AfterMethod• testng.xml• Asserts in Junit & testNG• Cross browser testing	<p>Reports, Screenshots & video Recording</p> <ul style="list-style-type: none">• HTML Reports• Reports by ReportNG• Taking Screenshot• Extent Reports• video recording of you test <p>Other Important</p> <ul style="list-style-type: none">• Selecting Date in calendar• Data Providers <p>Tips & Tricks in Selenium</p> <ul style="list-style-type: none">• Opening new tab in a browser• How to scroll in Selenium• How to upload File• pop ups & alerts <p>Project & framework</p> <ul style="list-style-type: none">• Keyword driven (Excel based)• Data driven• Page Object Model• Jenkins• Cucumber introduction• Introduction to Appium (Mobile automation testing)
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