

Selenium Automation with Java

Course Syllabus

Session 1- Core Java

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| <ul style="list-style-type: none">• Introduction of Java• Java Syntax and keyword• Implementing data type and variables• Conditional construct & looping• Introduction of OOPS• Implementing abstraction• Implementing Encapsulation• Implementing polymorphism• Implementing inheritance | <ul style="list-style-type: none">• Implementing static keyword• Implementing Exception handling• Implementing Collection API• Implementing IO(File Handling)• Overview of JDBC ODBC Bridge• Implementing Connection Interface• Implementing DML Query(T-SQL)• Implementing Prepared Statement• Mini project using java |
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Session 2- Selenium Automation

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| <ul style="list-style-type: none">• What is testing?• What is selenium?• What is selenium automation testing?• What is selenium Web Driver?• Implementing Web Driver using java• Locator in selenium• Use of find elements in Web Driver• Selenium web form element• Implementing controls in selenium | <ul style="list-style-type: none">• Implementing link Text and Partial Text• Use of Action Class in Selenium• Implementing Events• How to upload and download file• Implementing X-path in web driver• Implementing popup and alert window• Implementing TestNG Framework• Annotation & framework in TestNG• Page Object Model & Page Factory |
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