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Selenium Java Training - Session 32 - Cucumber and BDD (Part 4)

1. Hooks

- Similar to TestNG annotations, Cucumber provides only two options known as Hooks
- **@Before** and **@After** are the two Hooks options in Cucumber
 - Demonstrate Hooks by creating setup and tearDown methods for opening and closing the Browsers in selenium (Example: omayologin scenario)
 - Will be executed before and after all the scenarios in all the features files.
- **Tagged Hooks**
 - Will be executed only before and after the scenarios in the feature files which are specified with specific tags
 - @Before("@login") and @After("@login") - Demonstrate here

2. JUnit Assertions: Create a feature file for Logging into <http://tutorialsninja.com/demo> and implement the steps

- Create a feature file say login.feature - [View](#)
- Create step definitions for the above feature file - [view](#)
 - Understanding Assertions - Example - Assert.assertNotNull("User has not logged in", element);
- Navigating to step definition methods of the steps in feature files
 - Select the step in feature file, right click and select 'Find Step' option

3. Integrating TestNG and Maven with Cucumber

1. Generate a testng.xml file and modify like this - [View](#)
2. Add the dependency tags of 'Cucumber TestNG'
3. Extend the TestRunner class with AbstractTestNGCucumberTests
4. Run the testng.xml file
5. Run using Maven by adding 'TestNG Maven' configuration

4. Cucumber **Data Tables** for handling multiple data in a step

- The purpose of using Data Tables is to fill long forms at a go
- Create a sample feature file for registration in <http://tutorialsninja.com/demo> with the required details
- Create a feature file say register.feature - [View](#)
- Create step definitions for the above feature file - [view](#)
 - DataTable is the predefined class of Cucumber

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