Selenium : Selenium is automation open source tool for web application develop using any language. Selenium support all language like java,C#, python, JavaScript etc. Selenium is a browser independent automation tools.

We can integrate other testing tool like Junit, Nunit, Test NG etc.

Selenium Web Driver which help to load any web page develop using any language. Using different type of selector we can access the html contents.

Selenium provided **WebElement** API(class or interface) which help to access html contents using id or class or name selector.

Test NG tool provide assert function check actual content and expected output. If both math test pass else fail.

<body>

<p name=”abc” id=”a1” class=”myClass”>Welcome to Html Web Page</p>

<div name=“abc” id=”a2” class=”myClass”>Welcome to Html Web Page</div>

<p name=“abc” id=”a3” class=”myClass”>Welcome to Html Web Page</p>

</body>

For tag we can provide name attribute, id attribute, class attribute

Create new Maven project with dependencies as

Selenium and testNG

Create TestNG test case class

Create 3 method

1st for success

2nd for invalid username

3rd for invalid password

Text field id is username, password id is password, submit button id submit, error content tag id is error, success message is strong tag and logout button linkText.