

Online Resources to become an Automation Tester

Selenium Web Driver with Java Bindings:

Tools Required:

1. Java: <https://www.oracle.com/in/java/technologies/javase/javase8-archive-downloads.html>
2. Eclipse IDE: <https://www.eclipse.org/downloads/>
3. Selenium Web Driver Jars: <https://www.selenium.dev/>
4. TestNG: <https://testng.org/doc/eclipse.html>

1. Core Java Playlist:

<https://www.youtube.com/watch?v=cLEcL5yc0yc&list=PL6fErFppaj1M45ak-Zd2k-wxorGxvwVQ>

2. Selenium Web Driver Tutorial:

<https://www.youtube.com/watch?v=fT8L9zVJOY&list=PL6fErFppaj2ArNxLyR4nQ4JV8qFc56-M>

3. TestNG

<https://www.youtube.com/watch?v=OTtFSnZY4f8&list=PL6fErFppaj0mMumHnkXddfd2nL45WV7S>

4. Selenium Web Driver Web Tutorial:

<https://www.toolsqa.com/selenium-webdriver/selenium-tutorial/>

5. TestNG Web Tutorial:

<https://www.javatpoint.com/testng-tutorial>

Registration Page Test Cases: <https://demowebshop.tricentis.com/register>

1. Verify the messages for each mandatory field by directly clicking on Register Button

Register

Your Personal Details

Gender:

☐ Male ☐ Female

First name:

* First name is required.

Last name:

* Last name is required.

Email:

* Email is required.

Your Password

Password:

* Password is required.

Confirm password:

* Password is required.

Hint Steps:

1. Go to the the above Registration Page
2. Loacte the Register button using any of the 8 locators we have
3. Click on it

4. Locate each and every error message and Store it in a Sting Variable. (E.g. **String Expected_FirstName_Error_Message="First name is required."**).
5. Store all the error messages in different String Variables
6. Using **Assert.assertEquals()** method **Validate the Actual and Expected error Messages**

2. Verify if the user cannot proceed without filling all the mandatory fields.
3. Verify if numbers are allowing in the First and Last name
4. Verify if Special Characters are allowing in the First and Last name
5. Verify if Email field is accepting only numbers as Email (without @ and .com or .co.in etc.,)
6. Verify if Email field is accepting only Special Characters as Email (without @ and .com or .co.in etc.,)
7. Verify if the Password and Confirm Password fields are accepting similar strings only.
8. Verify if the Password field will prompt you for the weak passwords. (Passing less than 6 Characters)
9. Verify if duplicate email address will not get assigned.
10. Verify if a user can sign-up successfully with all the mandatory details.
11. Verify if the User is Successfully Registering to the Application with out Selecting the Gender Radio button
12. Verify if the User is able to Logout from his account by Clicking on Logout Link

Login Page Test Cases: <https://demowebshop.tricentis.com/login>

1. Verify if a user will be able to login with a valid Email and valid Password.
2. Verify if a user cannot login with a Invalid Email and valid Password.
3. Verify if a user cannot login with a valid Email and Invalid Password.
4. Verify the login page, when the fields are blank and Login button is clicked.
5. Verify the 'Forgot Password' functionality.
6. Verify the 'Remember Me' functionality.
7. Verify if a user is able to login with a new password only after he/she has changed the password.