

Automated Test Scripts in Java (Selenium WebDriver)

Scenario 1: Successful Registration

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class RegistrationFormTest {

    public static void main(String[] args) {

        System.setProperty("webdriver.chrome.driver", "path to chromedriver.exe");

        WebDriver driver = new ChromeDriver();
        driver.get("http://OnlineRegistrationForm/register");
        WebElement fullName = driver.findElement(By.id("fullName"));
        fullName.sendKeys("Hamza Saeed");
        WebElement emailAddress = driver.findElement(By.id("emailAddress"));
        emailAddress.sendKeys("hamzasaeed.11111@gmail.com");
        WebElement password = driver.findElement(By.id("password"));
        password.sendKeys("Password123!");
        WebElement confirmPassword = driver.findElement(By.id("confirmPassword"));
        confirmPassword.sendKeys("Password123!");
        WebElement dob = driver.findElement(By.id("dob"));
        dob.sendKeys("1995-02-07");
        WebElement genderMale = driver.findElement(By.id("genderMale"));
```

```

genderMale.click();

WebElement newsletterCheckbox = driver.findElement(By.id("newsletterCheckbox"));

newsletterCheckbox.click();

WebElement submitButton = driver.findElement(By.id("submitButton"));

submitButton.click();

WebElement successMessage = driver.findElement(By.id("successMessage"));

if(successMessage.isDisplayed()) {

    System.out.println("Successful registration test passed.");

} else {

    System.out.println("Successful registration test failed.");

}

driver.quit();

}

}

```

Scenario 2: Newsletter Subscription Opt-out

```

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class NewsletterSubscriptionTest {

    public static void main(String[] args) {

```

```
System.setProperty("webdriver.chrome.driver", "path to chromedriver.exe");
```

```
WebDriver driver = new ChromeDriver();  
driver.get("http://OnlineRegistrationForm/register");  
WebElement fullName = driver.findElement(By.id("fullName"));  
fullName.sendKeys("Hamza Saeed");
```

```
WebElement emailAddress = driver.findElement(By.id("emailAddress"));  
emailAddress.sendKeys("hamzasaeed.11111@gmail.com");
```

```
WebElement password = driver.findElement(By.id("password"));  
password.sendKeys("Password456!");
```

```
WebElement confirmPassword = driver.findElement(By.id("confirmPassword"));  
confirmPassword.sendKeys("Password456!");
```

```
WebElement dob = driver.findElement(By.id("dob"));  
dob.sendKeys("1995-05-15");
```

```
WebElement genderFemale = driver.findElement(By.id("genderFemale"));  
genderFemale.click();  
WebElement submitButton = driver.findElement(By.id("submitButton"));  
submitButton.click();
```

```
WebElement successMessage = driver.findElement(By.id("successMessage"));
```

```
if(successMessage.isDisplayed()) {  
    System.out.println("Newsletter opt-out test passed.");  
}
```

```
    } else {  
        System.out.println("Newsletter opt-out test failed.");  
    }  
    driver.quit();  
}  
}
```