

# Documentation

By.Shrouk Alaa

➤ Sign Up test case

The written code assuming that not found “I am not robot” problem.

I create new xml file called it “data.xml” found it in “Sign Up” folder put in this file all data needed to fill registration form

```
<data>

    <firstname>shrouk</firstname>
    <lastname>ali</lastname>
    <emailId>shrouk.ali@gmail.com</emailId>
    <password>521993</password>

</data>
```

In selenium code I wrote code to read data that found in Xml file and send it to “findElement” method.

```
File file = new File("data.xml");
DocumentBuilderFactory documentBuilderFactory = DocumentBuilderFactory
    .newInstance();
DocumentBuilder documentBuilder = documentBuilderFactory.newDocumentBuilder();
Document document = documentBuilder.parse(file);
String firstname = document.getElementsByTagName("firstname").item(0).getTextContent();
String lastname = document.getElementsByTagName("user_name").item(0).getTextContent();
String emailId = document.getElementsByTagName("emailId").item(0).getTextContent();
String password = document.getElementsByTagName("password").item(0).getTextContent();
```

After that define “Webdriver” and “System property” for Firefox and ask to open “Create an Account” page.

```
WebDriver driver ;
System.setProperty("webdriver.gecko.driver", "C:\\workspace\\automationTesting\\geckodriver.exe");
driver = new FirefoxDriver();

driver.get("https://www.expedia.com");
driver.findElement(By.id("header-account-menu")).click();
driver.findElement(By.id("account-register")).click();
```

Send data that found in Xml file to “findElement” method by using “sendKeys” and then close web page.

```

driver.findElement(By.id("create-account-firstname")).sendKeys(firstname);
driver.findElement(By.id("create-account-lastname")).sendKeys(lastname);
driver.findElement(By.id("create-account-emailid")).sendKeys(emailid);
driver.findElement(By.id("create-account-password")).sendKeys(password);
driver.findElement(By.id("create-account-confirm-password")).sendKeys(password);
driver.findElement(By.id("create-account-expedia-policy")).click();

driver.close();

```

### ➤ Login test case

This test case created by using TestNG framework.

I create class named “Excel.java” that class contain one method responsible for read data from excel sheet named “getData”, “data.xlsx” found in login folder.

In selenium code I define multiple annotation, this annotation tell method which time should it run

1. @BeforeTest under this annotation I define method open Login page in Expida website.

```

@BeforeTest
public void setUpMethod() throws Exception {

    System.setProperty("webdriver.gecko.driver", "C:\\workspace\\automationTesting\\geckodriver.exe");
    driver = new FirefoxDriver();
    driver.get("https://www.expedia.com");
    driver.findElement(By.id("header-account-menu")).click();
    driver.findElement(By.id("account-signin")).click();
}

```

2. @DataProvider under this annotation I define method that call “Excel.java” class to read data in excel sheet.

```

}
@DataProvider
public Object[][] Authentication() throws Exception{

    String[][] testObjArray = Excel.getData();

    return (testObjArray);

}

```

3. @Test under this annotation I define actual test case which write email and password in login page but before that I used data that returned from “Authentication” method.

```

@Test(dataProvider="Authentication")
public void Registration_data(String sUserName,String sPassword)throws Exception{

    driver.findElement(By.id("signin-loginid")).sendKeys(sUserName);

    driver.findElement(By.id("signin-password")).sendKeys(sPassword);

    driver.findElement(By.id("submitButton")).click();

}

```

4. @AfterTest under this annotation I define method to close driver.

```
@AfterTest
public void tearDownMethod() throws Exception {
    driver.close();
}
```