

Project Objective:

As a Full Stack Developer, you have to build an automation script that automated the basic functionalities like registration and login.

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Step 1:Create a java project namely "RegistrationAndLoginAutomation"

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Step 2:Add the jar files which supports the webdriver,webElement,etc. provided by the selenium.Add these jar files to the classpath.

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Step 3:Create a class for login.

Code :FacebookLogin
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```
package com.simplilearn.project;
```

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

```
public class FacebookLogin {
```

```
    public static void main(String[] args) {
```

```
        String path="D:\\Selenium\\chromedriver_win32 (2)\\chromedriver.exe";
```

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

```
        WebDriver driver=new ChromeDriver();
```

```
        String url="https://www.facebook.com/login/?
privacy_mutation_token=eyJ0eXB1IjowLCJjcmVhdGlvbl90aW1lIjoxNjY0NjA3ODY2LCJjYWxsc2l0
ZV9pZCI6MjY5NTQ4NDUzMDcyMDk1MX0%3D";
        driver.get(url);
```

```
        driver.manage().window().maximize();
```

```
        WebElement name=driver.findElement(By.name("email"));
        name.sendKeys("9911027949");
```

```
        WebElement password=driver.findElement(By.name("pass"));
        password.sendKeys("*****");
```

```

WebElement button=driver.findElement(By.id("loginbutton"));
button.submit();

```

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    }
}

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Step 4:Create a class for Registration.

Code: Amazon Registration
.....

```

package com.simplilearn.project;

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

public class AmazonRegistration {

    public static void main(String[] args) {

        String path="D:\\Selenium\\chromedriver_win32 (2)\\chromedriver.exe";

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

        WebDriver driver=new ChromeDriver();

        String url="https://www.amazon.in/ap/register?
showRememberMe=true&openid.pape.max_auth_age=0&openid.identity=http%3A%2F
%2Fspecs.openid.net%2Fauth
%2F2.0%2Fidentifier_select&pageId=inflex&mobileBrowserWebLabTreatment=C&openid.retu
rn_to=https%3A%2F%2Fwww.amazon.in%2F%3Fref_
%3Dnav_custrec_signin&prevRID=MB45C1W2C25TKEG09Z4X&openid.assoc_handle=inflex&openi
d.mode=checkid_setup&desktopBrowserWebLabTreatment=C&prepopulatedLoginId=&failedSig
nInCount=0&openid.claimed_id=http%3A%2F%2Fspecs.openid.net%2Fauth
%2F2.0%2Fidentifier_select&openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0";
        driver.get(url);

        driver.manage().window().maximize();

        WebElement name=driver.findElement(By.id("ap_customer_name"));
        name.sendKeys("Ankit pandey");

        WebElement phone=driver.findElement(By.id("ap_phone_number"));
        phone.sendKeys("8826436679");

        WebElement email=driver.findElement(By.id("ap_email"));
        email.sendKeys("ankit.20m0141080@abes.ac.in");

        WebElement password=driver.findElement(By.id("ap_password"));
        password.sendKeys("Ankit@1998");
    }
}

```

```
WebElement button=driver.findElement(By.id("continue"));
button.submit();
```

```
}
}
```

```
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```