

# Automate a Web Application

## Source Code:

### Application.java

```
package com.selenium;

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

public class application {

    public static void main(String[] args) throws InterruptedException {

        // TODO Auto-generated method stub

        WebDriver webdriver = null;

        System.setProperty("webdriver.chrome.driver",
"C:\\Tools\\chromedriver.exe");

        WebDriver driver = new ChromeDriver();

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

        driver.get("https://www.amazon.com/");

        WebElement e1 = driver.findElement(By.xpath("//*[@class='nav-line-2 ']"));

        Actions a = new Actions(driver);
```

```
a.moveToElement(e1).perform();

driver.findElement(By.xpath("//span[@class='nav-text']")[10])).click();
Thread.sleep(2000);

driver.findElement(By.id("ap_email")).sendKeys("abc@gmail.com");
Thread.sleep(2000);

driver.findElement(By.id("ap_password")).sendKeys("123456");
Thread.sleep(2000);

driver.findElement(By.id("signInSubmit")).click();
Thread.sleep(2000);

driver.findElement(By.xpath("//a[contains(text(),'Create a new Amazon
account')]")).click();
Thread.sleep(5000);

driver.findElement(By.xpath("//input[@type='text']")).sendKeys("Tiya Ann Siby");
Thread.sleep(5000);

driver.findElement(By.xpath("//input[@type='email']")).sendKeys("tiyaann@gmail.com");
Thread.sleep(2000);

driver.findElement(By.xpath("//input[@type='password']")).sendKeys("123456");
Thread.sleep(2000);

driver.findElement(By.xpath("//input[@id='continue']")).click();
    }

}
```

## Pom.xml

```
<project xmlns="http://maven.apache.org/POM/4.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
https://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.samples</groupId>
  <artifactId>WebApplication</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <build>
    <sourceDirectory>src</sourceDirectory>
    <plugins>
      <plugin>
        <artifactId>maven-compiler-plugin</artifactId>
        <version>3.8.1</version>
        <configuration>
          <release>18</release>
        </configuration>
      </plugin>
    </plugins>
  </build>
  <dependencies>
    <dependency>
      <groupId>org.seleniumhq.selenium</groupId>
      <artifactId>selenium-java</artifactId>
      <version>4.1.2</version>
    </dependency>
  </dependencies>
</project>
```