**Automate the Web Application**

**Source Code :-**

**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 </ groupId >** |
| **< artifactId > TestApp1 </ artifactId >** |
| **< version > 0.0.1-SNAPSHOT </ version >** |
| **< dependencies >** |
| **<!--** |
| **https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java -->** |
| **< dependency >** |
| **< groupId > org.seleniumhq.selenium </ groupId >** |
| **< artifactId > selenium-java </ artifactId >** |
| **< version > 4.10.0 </ version >** |
| **</ dependency >** |
| **<!--** |
|  |
| **https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-chrome-driver -->** |
| **< dependency >** |
| **< groupId > org.seleniumhq.selenium </ groupId >** |
| **< artifactId > selenium-chrome-driver </ artifactId >** |
| **< version > 4.10.0 </ version >** |
| **</ dependency >** |
|  |
| **<!--** |
|  |
| **https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-firefox-driver -->** |
| **< dependency >** |
| **< groupId > org.seleniumhq.selenium </ groupId >** |
| **< artifactId > selenium-firefox-driver </ artifactId >** |
| **< version > 4.10.0 </ version >** |
| **</ dependency >** |
|  |
| **<!--Testng-->** |
| **< dependency >** |
| **< groupId > org.testng </ groupId >** |
| **< artifactId > testng </ artifactId >** |
| **< version > 7.8.0 </ version >** |
| **< scope > compile </ scope >** |
| **</ dependency >** |
|  |
| **</ dependencies >** |
| **< build >** |
| **< plugins >** |
| **< plugin >** |
| **< groupId > org.apache.maven.plugins </ groupId >** |
| **< artifactId > maven-compiler-plugin </ artifactId >** |
| **< configuration >** |
| **< source > 1.8 </ source >** |
| **< target > 1.8 </ target >** |
| **</ configuration >** |
| **</ plugin >** |
| **< plugin >** |
| **< groupId > org.apache.maven.plugins </ groupId >** |
| **< artifactId > maven-surefire-plugin </ artifactId >** |
| **< configuration >** |
| **< suiteXmlFiles >** |
| **< suiteXmlFile > testng.xml </ suiteXmlFile >** |
| **</ suiteXmlFiles >** |
| **</ configuration >** |
| **</ plugin >** |
| **</ plugins >** |
| **</ build >** |
| **</ project >** |

|  |
| --- |
| package test ; |
| import org . testng . annotations . Test ; |

**AppTest.java :-**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| import org . openqa . selenium . By ; | | | | | | | | |
| import org. openqa. selenium. By. ByClassName ; | | | | | | | | |
| import org. openqa. selenium. By. ById ; | | | | | | | | |
| import org. openqa. selenium. By . ByName ; | | | | | | | | |
| import org . openqa . selenium . WebDriver ; | | | | | | | | |
| import | org . openqa . selenium . chrome . ChromeDriver | | | | | | ; | |
| import org . testng . annotations . Test ; | | | | | | | | |
| public class AppTest { | | | | | | | | |
| //test case is pass without any assert-by checking the flow | | | | | | | | |
| *@Test* ( priority = 1 ) | | | | | | | | |
| public void register () throws InterruptedException { | | | | | | | | |
| WebDriver wd = new | | | ChromeDriver | | | () ; | | |
|  | | | | | | | | |
| wd . manage () . window () . maximize () ; | | | | | | | | |
| wd . get ( "https://www.amazon.in/" ) ; | | | | | | | | |
| wd . findElement ( By . *id* ( "nav-link-accountList" )) . click () ; | | | | | | | | |
| wd . findElement ( By . *id* ( "createAccountSubmit" )) . click () ; | | | | | | | | |
| wd . findElement ( By . *id* ( "ap\_customer\_name" )) . sendKeys ( "Prudhvi Vema" ) ; | | | | | | | | |
| wd . findElement ( By . *id* ( "ap\_phone\_number" )) . sendKeys ( "1434646465" ) ; | | | | | | | | |
| wd . findElement ( By . *id* ( "ap\_email" )) . sendKeys ( "Prudhvi@gmail.com" ) ; | | | | | | | | |
| wd . findElement ( By . *id* ( "ap\_password" )) . sendKeys ( "Prudhvi@1232" ) ; | | | | | | | | |
| Thread . *sleep* ( 3000 ) ; | | | | | | | | |
| wd . findElement ( By . *id* ( "continue" )) . click () ; | | | | | | | | |
|  | | | | | | | | |
| } | | | | | | | | |
| *@Test* ( priority = 2 ) | | | | | | | | |
| public void login () throws InterruptedException { | | | | | | | | |
|  | | | | | | | | |
| WebDriver wd = new | | ChromeDriver | | | () ; | | | |
| wd . manage () . window () . maximize () ; | | | | | | | | |
| wd . get ( "https://www.amazon.in/" ) ; | | | | | | | | |
| wd . findElement ( By . *id* ( "nav-link-accountList" )) . click () ; | | | | | | | | |
| wd . findElement ( By . *id* ( "ap\_email" )) . sendKeys ( "Prudhvi@gmail.com" ) ; | | | | | | | | |
| Thread . *sleep* ( 3000 ) ; | | | | | | | | |
| wd . findElement ( By . *id* ( "continue" )) . click () ; | | | | | | | | |
| wd . findElement ( By . *id* ( "ap\_password" )) . sendKeys ( "Prudhv@123" ) ; | | | | | | | | |
| } | | | | | | | | |
| *@Test* ( priority = 3 ) | | | | | | | | |
| public void addToCart () throws InterruptedException { | | | | | | | | |
| WebDriver wd = new | | | | ChromeDriver | | | | () ; |
| wd . get ( "https://www.amazon.in/" ) ; | | | | | | | | |
| wd . manage () . window () . maximize () ; | | | | | | | | |
| System . ***out*** . println ( wd . getTitle ()) ; | | | | | | | | |
| System . ***out*** . println ( wd . getCurrentUrl ()) ; | | | | | | | | |
| wd . findElement ( By . *id* ( "twotabsearchtextbox" )) . sendKeys ( "Samsung mobiles" ) ; | | | | | | | | |
| Thread . *sleep* ( 3000 ) ; | | | | | | | | |

wd . findElement ( By . *id* ( "nav-search-submit-button" )) . submit () ; Thread . *sleep* ( 3000 ) ;

wd . findElement ( By . *linkText* ( "Samsung Galaxy M34 5G (Prism Silver, 8GB,

128GB Storage) | 120Hz sAMOLED Display | 50MP Triple No Shake Cam | 6000 mAh Battery |

16GB RAM with RAM Plus | Android 13 | Without Charger" )) . click () ;

Thread . *sleep* ( 2000 ) ;

//wd.findElement(By.id("add-to-cart-button")).click();

} }

● Right click on the class and convert into testNG ● Run testing.xml as a testing suite.

**GITHUB LINK**  :-