**Automating the Amazon application using Selenium Webdriver**

**package** AmazonApplication;

**import** java.time.Duration;

**import** java.util.ArrayList;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.interactions.Actions;

**import** org.openqa.selenium.support.ui.ExpectedConditions;

**import** org.openqa.selenium.support.ui.WebDriverWait;

**public** **class** AmazonWebsite {

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

// 1. Open the browser

ChromeDriver driver = **new** ChromeDriver();

// 2. Maximaze it

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

// 3. Navigate to application

driver.get("https://amazon.in/");

// 4. Click on "Mobiles" in the navigation bar

driver.findElement(By.*linkText*("Mobiles")).click();

// 5. Hover the pointer over 'Mobiles & Accessories'

WebElement mobiles = driver.findElement(By.*linkText*("Mobiles & Accessories"));

Actions actions = **new** Actions(driver);

actions.moveToElement(mobiles).build().perform();

WebDriverWait wait = **new** WebDriverWait(driver, Duration.*ofSeconds*(60));

wait.until(ExpectedConditions.*visibilityOfElementLocated*(By.*linkText*("Apple")));

// 6. Click on 'Apple' in the sub-menu

driver.findElement(By.*linkText*("Apple")).click();

// 7. Click on first available phone.

driver.findElement(By.*xpath*("(//img[contains(@class, 's-image')])[1]")).click();

// 8. Switch focus on new tab

ArrayList<String> tabs = **new** ArrayList<>(driver.getWindowHandles());

driver.switchTo().window(tabs.get(1));

// 9. Click on ‘Buy Now’ button

driver.findElement(By.*id*("buy-now-button")).click();

// 10. Enter User name 'batman5544662gmail.com' in the 'Email address or phone number' text box

driver.findElement(By.*id*("ap\_email")).sendKeys("batman5544662gmail.com");

// 10.1. Click on 'Continue' button

driver.findElement(By.*id*("continue")).click();

// 10.2. Enter password 'password@123' in the 'password' text box

driver.findElement(By.*id*("ap\_password")).sendKeys("password@123");

// 10.3. Click on 'Sign in' button

driver.findElement(By.*id*("signInSubmit")).click();

// 11. Close the browser

driver.quit();

}

}