Automating the Amazon Application using Selenium WebDriver

The project's main objective is to automate various functionalities on the Amazon website using Selenium WebDriver with Java.

- Navigate to the Amazon homepage (https://amazon.in/).

- Open the browser and locate web elements using Locators.

- Verify that the user has signed in to the homepage.

- Search for a product, "iPhone 13" under the "Mobile" category.

- Check that filters are being used while looking for a product.

- Verify that the products have been chosen and put on the wishlist.

- Check to see whether a confirmation box appears.

Navigating to Amazon Homepage

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

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

driver.manage().deleteAllCookies();

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

driver.manage().timeouts().pageLoadTimeout(Duration.ofSeconds(3));
```

Sign In

```java
WebElement el = driver.findElement(By.xpath("//*[@class='nav-line-1-container']"));

Actions a = new Actions(driver);

a.moveToElement(el).perform();

Thread.sleep(3000);

driver.findElement(By.linkText("Sign in")).click();
```
// Perform sign-in actions here

Searching for a Product

```java
driver.findElement(By.linkText("Mobiles")).click();

WebElement searchBox = driver.findElement(By.xpath("//*[@id='twotabsearchtextbox']"));

searchBox.sendKeys("iPhone 13");

searchBox.submit();
```
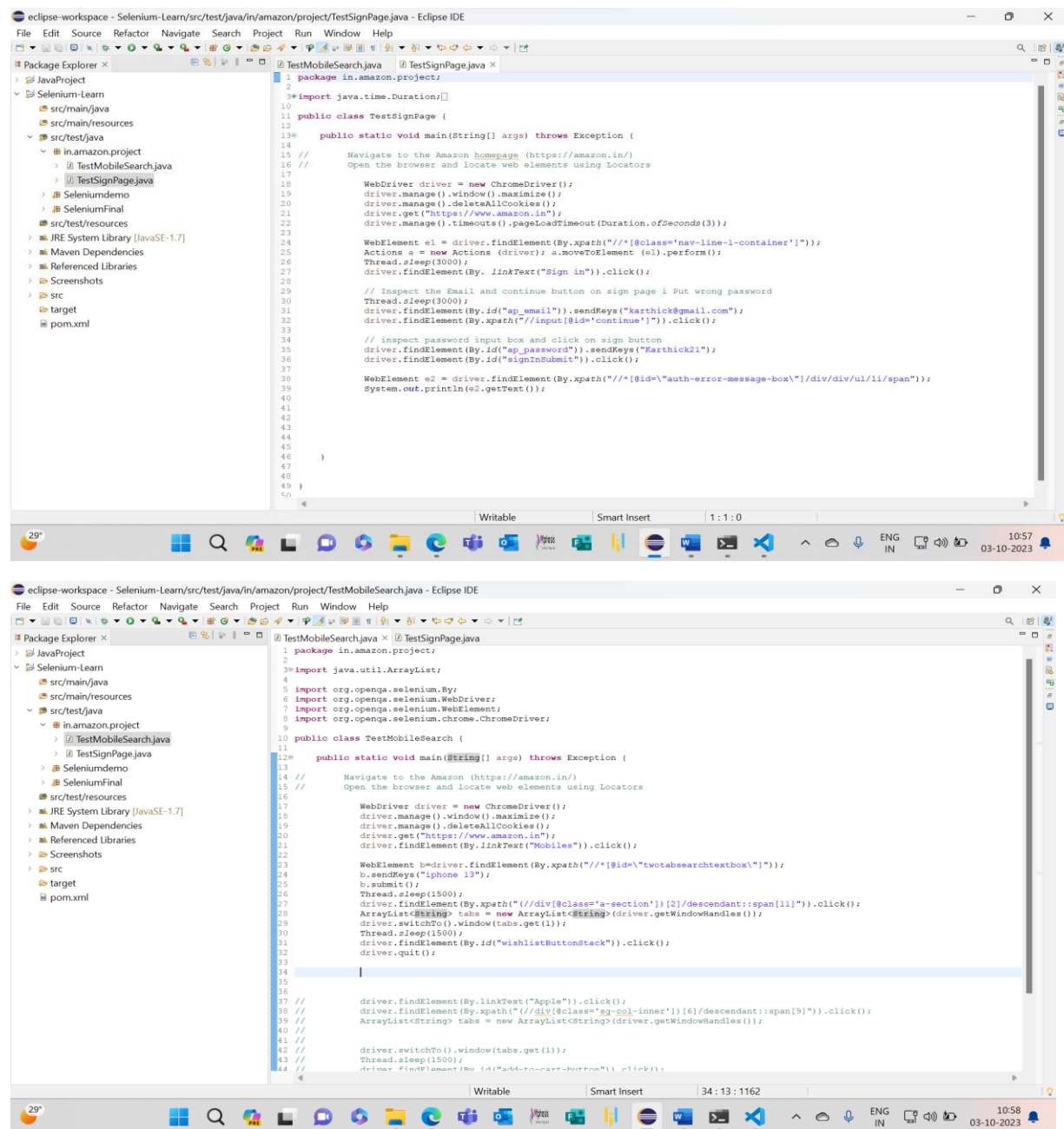
Adding Product to Wishlist

// After selecting a product

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

GitHub repository : https://github.com/Karthick-Office/Project01.git

My Phase 1 End Project is present under the 'Selenium Phase 1 End Project' folder in the GitHub repository

Screenshot

Files

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