

```

1 package in.amazon.pages;
2
3 import java.time.Duration;
4
5 public class LandingPage {
6     private Actions actions;
7     private WebDriverWait wait;
8
9     @FindBy(id = "twotabsearchtextbox")
10    private WebElement searchbox;
11
12    @FindBy(xpath = "//div[contains(@class,'autocomplete-results-container')]")
13    private WebElement searchboxcontainer;
14
15    public LandingPage(WebDriver driver) {
16        PageFactory.initElements(driver, this);
17        actions = new Actions(driver);
18        wait = new WebDriverWait(driver, Duration.ofSeconds(60));
19    }
20
21    public void selectsearchitem(String item) {
22        searchbox.sendKeys(item);
23        wait.until(ExpectedConditions.visibilityOfAllElements(searchboxcontainer));
24        actions.sendKeys(Keys.ARROW_DOWN).sendKeys(Keys.ARROW_DOWN).sendKeys(Keys.ARROW_DOWN).sendKeys(Keys.ENTER).build().perform();
25    }
26 }
27

```

```

1 package in.amazon.pages;
2
3 import org.openqa.selenium.WebDriver;
4
5 public class AllProducts {
6
7     @FindBy(xpath = "//section[contains(@aria-label,'4 Stars & Up')]")
8     private WebElement stars;
9
10    @FindBy(xpath = "//span[contains(@class,'a-size-medium a-color-base a-text-normal')][1]")
11    private WebElement firstproduct;
12
13    public AllProducts(WebDriver driver) {
14        PageFactory.initElements(driver, this);
15    }
16
17    public void selectStar() throws InterruptedException {
18        stars.click();
19        Thread.sleep(2000);
20    }
21
22    public void FirstProduct() {
23        firstproduct.click();
24    }
25 }
26

```

```

1 package in.amazon.pages;
2
3+import org.openqa.selenium.WebDriver;
7
8 public class cart {
9
10 @FindBy(xpath = "//span[contains(@class,'a-size-medium-plus a-color-base sw-atc-text a-text-bold')]")
11 private WebElement cartText;
12
13 @FindBy(id = "sw-ptc-form")
14 private WebElement proceedToBuy;
15
16 public cart(WebDriver driver) {
17     PageFactory.initElements(driver, this);
18 }
19
20 public String CartText() {
21     return cartText.getText();
22 }
23
24 public void Buy() {
25     proceedToBuy.click();
26 }
27 }
28

```

```

1 package in.amazon.pages;
2
3+import org.openqa.selenium.WebDriver;
7
8 public class Products {
9
10 @FindBy(id = "add-to-cart-button")
11 private WebElement addtocart;
12
13 public Products (WebDriver driver) {
14     PageFactory.initElements(driver, this);
15 }
16
17 public void AddCart() {
18     addtocart.click();
19 }
20 }
21

```

```
BeforeAfter.java Driver.java TestRunner.java Tools.java
1 package in.amazon.teststeps;
2
3 import org.openqa.selenium.WebDriver;
4
5 public class Tools {
6
7     protected static WebDriver driver;
8
9 }
10
```

```
BeforeAfter.java Driver.java X TestRunner.java Tools.java V
1 package in.amazon.teststeps;
2
3 import org.openqa.selenium.chrome.ChromeDriver;
4
5 import in.amazon.pages.AllProducts;
6 import in.amazon.pages.cart;
7 import in.amazon.pages.LandingPage;
8 import in.amazon.pages.Products;
9
10 public class Driver extends Tools{
11     protected static LandingPage landingpage;
12     protected static AllProducts allproduct;
13     protected static Products product;
14     protected static cart cart;
15
16     public static void init() {
17         driver = new ChromeDriver();
18         driver.manage().window().maximize();
19         driver.get("https://www.amazon.in/");
20         landingpage = new LandingPage(driver);
21         allproduct = new AllProducts(driver);
22         product = new Products(driver);
23         cart = new cart(driver);
24     }
25
26 }
```

```
BeforeAfter.java × Driver.java TestRunner.java Tool
1 package in.amazon.teststeps;
2
3 import io.cucumber.java.After;
4 import io.cucumber.java.Before;
5 import io.cucumber.java.Scenario;
6
7 public class BeforeAfter extends Tools{
8     @Before
9     public void setUp(Scenario scensrio) {
10         Driver.init();
11     }
12
13     @After
14     public void tearDown() {
15         driver.quit();
16     }
17 }
18
```

```
1 package in.amazon.teststeps;
2
3 import static org.testng.Assert.assertEquals;
4 import static org.testng.Assert.assertTrue;
5
6 import java.util.ArrayList;
7
8 import io.cucumber.java.en.Given;
9 import io.cucumber.java.en.Then;
10 import io.cucumber.java.en.When;
11
12 public class VerifyText extends Driver{
13
14     @Given("a user is in the LandingPage on amazon")
15     public void a_user_is_in_the_landing_page_on_amazon() {
16         assertTrue(driver.getTitle().equals("Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in"));
17     }
18
19     @When("he type search-item in the search box and then select 3rd option from the drop-down")
20     public void he_type_search_item_in_the_search_box_and_then_select_3rd_option_from_the_drop_down() {
21         Landingpage.selectsearchitem("Physics books");
22     }
23
24     @When("select rating 4star and above from left side bar")
25     public void select_rating_4star_and_above_from_left_side_bar() throws InterruptedException {
26         allproduct.selectStar();
27     }
28
29     @When("Click on the first search result")
30     public void click_on_the_first_search_result() {
31         allproduct.FirstProduct();
32     }
33
34     @When("Click Add to Cart button")
35     public void click_add_to_cart_button() {
36         ArrayList<String> tabs = new ArrayList<>(driver.getWindowHandles());
37         driver.switchTo().window(tabs.get(1));
38         product.AddCart();
39     }
40
41     @When("Verify the text Added to Cart is displayed")
42     public void verify_the_text_added_to_cart_is_displayed() {
43         String Actual = cart.CartText();
44         String Expected = "Added to Cart";
45         assertEquals(Actual, Expected);
46     }
47
48     @When("Click on Proceed to Buy button")
49     public void click_on_proceed_to_buy_button() {

```

```

1 package in.amazon.teststeps;
2
3 import io.cucumber.testng.AbstractTestNGCucumberTests;
4 import io.cucumber.testng.CucumberOptions;
5
6 @CucumberOptions(
7     features = "Features",
8     glue = "in.amazon.teststeps"
9 )
10 public class TestRunner extends AbstractTestNGCucumberTests{
11
12 }
13

```

- TestRunner.java
- Tools.java
- VerifyText.java
- BeforeAfter.java
- Driver.java
- TestRunner.java
- Tools.java
- VerifyText.java

```

1 package in.amazon.teststeps;
2
3 import io.cucumber.testng.AbstractTestNGCucumberTests;
4 import io.cucumber.testng.CucumberOptions;
5
6 @CucumberOptions(
7     features = "Features",
8     glue = "in.amazon.teststeps"
9 )
10 public class TestRunner extends AbstractTestNGCucumberTests{
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12 }
13

```

Package Explorer

- TestRunner.java
- Tools.java
- VerifyText.java
- BeforeAfter.java
- Driver.java
- TestRunner.java
- Tools.java
- VerifyText.java

Console

```

<terminated> TestRunner [TestNG] C:\Program Files\Java\jdk-20\bin\javaw.exe (01-Aug-2023, 2:30:19 pm - 2:30:4
[RemoteTestNG] detected TestNG version 7.8.0
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Aug 01, 2023 2:30:20 PM org.openqa.selenium.remote.service.DriverService$Builder getTo
INFO: Driver logs no longer sent to console by default; https://www.selenium.dev/docum
Aug 01, 2023 2:30:23 PM org.openqa.selenium.devtools.CdpVersionFinder findClosestMatch
WARNING: Unable to find an exact match for CDP version 115, so returning the closest v
????????????????????????????????????????????????????????????????????????????????
? https://reports.cucumber.io/reports/61897ab1-91fd-4fa2-84b5-959f81233885 ?
? View your Cucumber Report at: ?
? This report will self-destruct in 24h. ?
? Keep reports forever: https://reports.cucumber.io/profile ?
????????????????????????????????????????????????????????????????????????????????
Runs Cucumber Scenarios

Default test
Tests run: 1, Failures: 0, Skips: 0

Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0

```

Results of running class TestRunner

Passed: 1 Failed: 0 Skipped: 0

Tests: 1/1 Methods: 1 (21335 ms)

Summary

- Default suite (1/0/0) (18.571 s)
 - in.amazon.teststeps.TestRunner
 - runScenario (18.571 s)
 - "a user must be able to go to sign in page."Optional[Test Cucumber Project]" (18.571 s)

Failure Exception

Cucumber Reports

Log in with GitHub

⚠ This report will self-destruct in a day. Keep your future reports forever.

1 PASSED

<p>100% passed</p> <p>1 executed</p>	<p>a few seconds ago</p> <p>Last Run</p>	<p>18.66 seconds</p> <p>Duration</p>
<p>Windows 10</p>	<p>Java HotSpot(TM) 64-Bit Server VM 20.0.1+9-29</p>	<p>cucumber-jvm 7.1.0</p>

Delete Report

file:///C:/Users/ASUS/eclipse-workspace/CucumberLssnEnd/Features/buy_physics_book.feature