SourceCode:

1.LoginPage:

```
package com.simplilearn.selenium_scripts;

import static org.testng.Assert.assertEquals;

import java.time.Duration;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;

public class LoginPage {

	WebDriver driver;
	WebDriverWait wait;
	@BeforeMethod
	public void setUp() {
		String siteurl = "http://localhost:9010/";
		String driverpath = "drivers\\Window\\chromedriver.exe";

		// step2: set system properties for selenium dirver
		System.setProperty("webdriver.chrome.driver", driverpath);

		// step3: instantiate selenium webdriver
```

```
        driver = new ChromeDriver();

        // step4: add explicit wait (Conditional Delay)
        wait = new WebDriverWait(driver, Duration.ofSeconds(40));

        // step5: launch browser
        driver.get(siteurl);
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(80));
}

@AfterMethod
public void tearDown()
{
        driver.quit();
}

@Test(description="Test Login Page",priority=1)
public void testloginpage() throws InterruptedException {
        Thread.sleep(2000);
        driver.findElement(By.id("email")).sendKeys("manibathala.n@gmail.com");
        driver.findElement(By.id("password")).sendKeys("12345");
        Thread.sleep(2000);
        driver.findElement(By.xpath("/html/body/div[2]/form/button")).submit();

        String expectedTitle  = "";
        String actualTitle  = driver.getTitle();

        if(expectedTitle.equals(actualTitle)) {
```

```
                System.out.println("Test is Passed !");
            } else {
                System.out.println("Test is Failed !");
            }

            System.out.println("Expected Title : " + expectedTitle);
            System.out.println("Actual Title : " + actualTitle);


        }


}
```

2.RegistrationPage:

```
package com.simplilearn.selenium_scripts;

import java.time.Duration;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;

public class RegistrationPage {

    WebDriver driver;
```

```
WebDriverWait wait;
@BeforeMethod
public void setUp() {
	String url = "http://localhost:9010/register";
	String driverpath = "drivers\\Window\\chromedriver.exe";

	// step2: set system properties for selenium dirver
	System.setProperty("webdriver.chrome.driver", driverpath);

	// step3: instantiate selenium webdriver
	driver = new ChromeDriver();

	// step4: add explicit wait (Conditional Delay)
	wait = new WebDriverWait(driver, Duration.ofSeconds(40));

	// step5: launch browser
	driver.get(url);
	driver.manage().window().maximize();
	driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(20));
}

@AfterMethod
public void tearDown()
{
	driver.quit();
}

@Test(description="Test for Registration Page")
public void testRegistrationpage() throws InterruptedException {
```

```
		Thread.sleep(2000);
		driver.findElement(By.name("name")).sendKeys("Aadvik");
		driver.findElement(By.id("email")).sendKeys("aadvik24@gmail.com");
		Thread.sleep(2000);
		driver.findElement(By.id("password")).sendKeys("Aadvik@2425");
		driver.findElement(By.xpath("/html/body/div[2]/form/button")).submit();

		String expectedTitle  = "";
		String actualTitle  = driver.getTitle();

		if(expectedTitle.equals(actualTitle)) {
			System.out.println("Test is Passed !");
		} else {
			System.out.println("Test is Failed !");
		}

		System.out.println("Expected Title : " + expectedTitle);
		System.out.println("Actual Title : " + actualTitle);


	}

}
```

3.AddTocartPage:

```
package com.simplilearn.selenium_scripts;

import static org.testng.Assert.assertEquals;
import static org.testng.Assert.assertNotEquals;
```

```
import java.time.Duration;
import java.util.ArrayList;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;

public class AddProductsToCartPage {

	WebDriver driver;
	WebDriverWait wait;

	@BeforeMethod
	public void setUp() {
		String url = "http://localhost:9010/";
		String driverpath = "drivers\\Window\\chromedriver.exe";

		// step2: set system properties for selenium dirver
		System.setProperty("webdriver.chrome.driver", driverpath);

		// step3: instantiate selenium webdriver
		driver = new ChromeDriver();

		// step4: add explicit wait (Conditional Delay)
		wait = new WebDriverWait(driver, Duration.ofSeconds(40));
```

```
		// step5: launch browser
		driver.get(url);
		driver.manage().window().maximize();
		driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(80));
	}

	@AfterMethod
	public void tearDown() {
		driver.quit();
	}

	@Test(description="To test Add to cart Page",priority=1)
	public void testloginpage() throws InterruptedException {
		driver.findElement(By.id("email")).sendKeys("aadvik24@gmail.com");
		driver.findElement(By.id("password")).sendKeys("Aadvik@2425");
		Thread.sleep(3000);
		driver.findElement(By.xpath("/html/body/div[2]/form/button")).submit();
		Thread.sleep(3000);
		driver.findElement(By.xpath("//*[@id=\"mynavbar\"]/ul/li[1]/a")).click();



	}

}
```

4.PlaceOrder:

```
package com.simplilearn.selenium_scripts;

import static org.testng.Assert.assertEquals;
```

```
import static org.testng.Assert.assertNotEquals;

import java.time.Duration;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;

public class PlaceOrderPage {

	WebDriver driver;
	WebDriverWait wait;
	@BeforeMethod
	public void setUp() {
		String url = "http://localhost:9010/";
		String driverpath = "drivers\\Window\\chromedriver.exe";

		// step2: set system properties for selenium dirver
		System.setProperty("webdriver.chrome.driver", driverpath);

		// step3: instantiate selenium webdriver
		driver = new ChromeDriver();

		// step4: add explicit wait (Conditional Delay)
		wait = new WebDriverWait(driver, Duration.ofSeconds(40));
```

```
		// step5: launch browser
		driver.get(url);
		driver.manage().window().maximize();
		driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(80));
	}

	//@AfterMethod
	public void tearDown()
	{
		driver.quit();
	}

	@Test(description="Test place order",priority=1)
	public void testloginpage() throws InterruptedException  {
		Thread.sleep(2000);
		driver.findElement(By.id("email")).sendKeys("aadvik24@gmail.com");
		driver.findElement(By.id("password")).sendKeys("Aadvik@2425");
		Thread.sleep(2000);
		driver.findElement(By.xpath("/html/body/div[2]/form/button")).submit();

		Thread.sleep(2000);
driver.findElement(By.xpath("//*[@id=\"mynavbar\"]/ul/li[2]/a")).click();

	}

	@Test(description="Test place order page  url",priority=2)
	public void addCartPageSOurceUrlTest() {
		String url=driver.getCurrentUrl();
		assertEquals("http://localhost:9010/orders",url);
```

```
	}
	@Test(description="Test place order page title ",priority=3)
	public void homePageTitleTest() {

		String actualTitle=" ";
		assertNotEquals(actualTitle,driver.getTitle());
		System.out.println(driver.getTitle());
	}


}
```