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IT-A

1.

```java
package com.selenium.test2.selenium1;

import java.util.List;

import org.openqa.selenium.Alert;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import org.openqa.selenium.edge.EdgeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.interactions.Actions;
//import org.openqa.selenium.edge.EdgeDriver;
import org.openqa.selenium.support.ui.Select;
import org.testng.AssertJUnit;

import dev.failsafe.internal.util.Assert;
import io.github.bonigarcia.wdm.WebDriverManager;

/**
 * Hello world!
 *
```

```java
 */

public class App

{

    public static void main( String[] args ) throws InterruptedException

    {
WebDriverManager.chromedriver().setup();
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriver driver=new ChromeDriver(co);
        driver.get("https://www.saucedemo.com/");
        driver.manage().window().maximize();
            Thread.sleep(3000);
            WebElement uname=driver.findElement(By.id("user-name"));
            WebElement pwd=driver.findElement(By.id("password"));
            WebElement submit=driver.findElement(By.xpath("//*[@id=\"login-button\"]"));
            uname.sendKeys("standard_user");
            pwd.sendKeys("secret_sauce");
            submit.click();
            driver.findElement(By.id("add-to-cart-sauce-labs-backpack")).click();
        driver.findElement(By.linkText("1")).click();
        driver.findElement(By.id("checkout")).click();
        Thread.sleep(3000);
            WebElement fn=driver.findElement(By.id("first-name"));
            WebElement ln=driver.findElement(By.id("last-name"));
            WebElement zc=driver.findElement(By.id("postal-code"));
            fn.sendKeys("Deepakkannan");
            ln.sendKeys("M");
            zc.sendKeys("637017");
            driver.findElement(By.id("continue")).submit();
            String Name
=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText();
            String
price=driver.findElement(By.xpath("//*[@id=\"checkout_summary_container\"]/div/div[1]/div[3]/di
v[2]/div[2]/div")).getText();
            String
total=driver.findElement(By.xpath("//*[@id=\"checkout_summary_container\"]/div/div[2]/div[8]")).
getText();
            System.out.println("Name"+Name);
            System.out.println("Price"+price);
            System.out.println("TotalPrice"+total);
            String title=driver.getTitle();
            String titlec="Swag Labs";
            if(title.equals(titlec))
            System.out.println("Title is Verified");
            String url1="https://www.saucedemo.com/checkout-step-two.html";
        String url2="";
        url2=driver.getCurrentUrl();
        if(url1.equals(url2))
```

```java
                System.out.println("URL is verified");

    }

    }
```

OUTPUT:

```
NameSauce Labs Backpack
Price$29.99
TotalPriceTotal: $32.39
Title is Verified
URL is verified
```

2.

```java
package com.selenium.test2.selenium1;

import java.util.List;

import org.openqa.selenium.Alert;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import org.openqa.selenium.edge.EdgeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.interactions.Actions;
//import org.openqa.selenium.edge.EdgeDriver;
import org.openqa.selenium.support.ui.Select;
import org.testng.AssertJUnit;

import dev.failsafe.internal.util.Assert;
import io.github.bonigarcia.wdm.WebDriverManager;

/**
 * Hello world!
 *
 */
public class App
{
    public static void main( String[] args ) throws InterruptedException
```

```java
	{
		WebDriverManager.chromedriver().setup();
			ChromeOptions co = new ChromeOptions();
			co.addArguments("--remote-allow-origins=*");
			WebDriver driver = new ChromeDriver(co);
			driver.get("https://www.saucedemo.com/");
			driver.manage().window().maximize();
			String name = driver.getTitle();
			System.out.println(name);
			WebElement uname=driver.findElement(By.id("user-name"));
			WebElement pwd=driver.findElement(By.id("password"));
			WebElement submit=driver.findElement(By.xpath("//*[@id=\"login-button\"]"));
			uname.sendKeys("standard_user");
			pwd.sendKeys("secret_sauce");
			submit.click();

		driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select")).click(
);
			String
pname=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText();
			System.out.println("Product name,While in A-Z :" + pname);

		driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option
[2]")).click();
			String
pname1=driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/div")).getText();
			System.out.println("Product name,While in Z-A :" + pname1);

		driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option
[4]")).click();
			String
pname2=driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/div/div[1]/div[2]/div[2]/di
v")).getText();
			System.out.println("Product price,While in high to low :" + pname2);
			System.out.println("Hence high to low price is verify");

		driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option
[3]")).click();
			String
pname3=driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/div/div[1]/div[2]/div[2]/di
v")).getText();
			System.out.println("Product price,While in low to high :" + pname3);
			System.out.println("Hence low to high price is verify");

	}

	}
```

OUTPUT:

```
Swag Labs
Product name,While in A-Z :Sauce Labs Backpack
Product name,While in Z-A :Test.allTheThings() T-Shirt (Red)
Product price,While in high to low :$49.99
Hence high to low price is verify
Product price,While in low to high :$7.99
Hence low to high price is verify
```