CC-1

SOFTWARE TESTING(SELENIUM)

#1

CODE:

package com.cca.cia;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import io.github.bonigarcia.wdm.WebDriverManager;

public class CcQuestion1{

public static void main(String[] args) {

ChromeOptions co=new ChromeOptions();

co.addArguments("\*--remote-allow-origins=\*");

WebDriverManager.*chromedriver*().setup();

WebDriver driver=new ChromeDriver();

driver.get("https://www.saucedemo.com/");

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

WebElement username=driver.findElement(By.*xpath*("//\*[@id=\"user-name\"]"));

username.sendKeys("standard\_user");

WebElement password=driver.findElement(By.*xpath*("//\*[@id=\"password\"]"));

password.sendKeys("secret\_sauce");

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

//1

driver.findElement(By.*id*("add-to-cart-sauce-labs-backpack")).click();

String count=driver.findElement(By.*xpath*("//\*[@id=\"shopping\_cart\_container\"]/a/span")).getText();

System.***out***.println("Number of products in cart "+count);

//2

driver.findElement(By.*xpath*("//\*[@id=\"shopping\_cart\_container\"]/a")).click();

String cartVerif=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/span")).getText();

System.***out***.println(cartVerif);

//3

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

String checkVerif=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/span")).getText();

System.***out***.println(checkVerif);

//4

WebElement firstName=driver.findElement(By.*id*("first-name"));

firstName.sendKeys("Sunil Kishore");

WebElement lastName=driver.findElement(By.*id*("last-name"));

lastName.sendKeys("C");

WebElement zipcode=driver.findElement(By.*id*("postal-code"));

zipcode.sendKeys("643102");

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

//5

String OverVerif=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/span")).getText();

System.***out***.println(OverVerif);

//6

String name=driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div")).getText();

System.***out***.println(name);

String price=driver.findElement(By.*xpath*("//\*[@id=\"checkout\_summary\_container\"]/div/div[1]/div[3]/div[2]/div[2]/div")).getText();

System.***out***.println(price);

//7

String title=driver.getTitle();

System.***out***.println(title);

if(title=="Swag Labs") {

System.***out***.println("Not Matched");

}

else {

System.***out***.println("Matched");

}

//8

String url=driver.getCurrentUrl();

System.***out***.println(url);

String lastUrl="https://www.saucedemo.com/checkout-step-two.html";

if(url==lastUrl) {

System.***out***.println("Not Matched");

}

else {

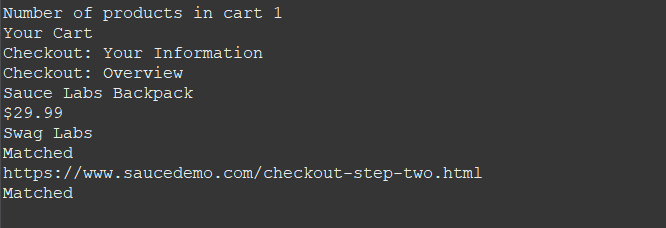
System.***out***.println("Matched");

}

}

}

OUTPUT:



#2

CODE:

**package** com.ca.one.cc;

**import** java.util.List;

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

**import** org.openqa.selenium.JavascriptExecutor;

**import** org.openqa.selenium.WebDriver;

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

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

**import** org.openqa.selenium.firefox.FirefoxDriver;

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

**import** io.github.bonigarcia.wdm.WebDriverManager;

/\*\*

\*

\*/

**public** **class** CC\_2

{

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

{

WebDriverManager.*chromedriver*().setup();

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

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

driver.navigate().to("https://www.saucedemo.com/");

driver.findElement(By.*xpath*("//\*[@id=\"user-name\"]")).sendKeys("standard\_user");

driver.findElement(By.*xpath*("//\*[@id=\"password\"]")).sendKeys("secret\_sauce");

driver.findElement(By.*xpath*("//\*[@id=\"login-button\"]")).click();

String title=driver.getTitle();

**if**(title.equals("Swag Labs")) {

System.***out***.println("Title Matched");

System.***out***.println("Title : "+title);

System.***out***.println("URL : "+driver.getCurrentUrl());

}

**else** {

System.***out***.println("Title is MisMatched");

}

WebElement b=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[1]"));

**if**(b.getText().equals("Name (A to Z)")) {

System.***out***.println("Filter can be applied from A-Z");

}

**else** {

System.***out***.println("Filter cannot be applied from A-Z");

}

b=driver.findElement(By.*className*("inventory\_item\_name"));

System.***out***.println("Product A-Z : "+b.getText());

Thread.*sleep*(3000);

Select se = **new** Select(driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select")));

se.selectByValue("za");

b=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[2]"));

**if**(b.getText().equals("Name (Z to A)")) {

System.***out***.println("Filter can be applied from Z-A");

}

**else** {

System.***out***.println("Filter cannot be applied from Z-A");

}

b=driver.findElement(By.*className*("inventory\_item\_name"));

System.***out***.println("Product Z-A : "+b.getText());

Thread.*sleep*(3000);

Select se1 = **new** Select(driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select")));

se1.selectByValue("lohi");

b=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[3]"));

**if**(b.getText().equals("Price (low to high)")) {

System.***out***.println("Filter can be applied from Low-High");

}

**else** {

System.***out***.println("Filter cannot be applied from Low-High");

}

b=driver.findElement(By.*className*("inventory\_item\_name"));

System.***out***.println("Product Low-High : "+b.getText());

Thread.*sleep*(3000);

Select se2 = **new** Select(driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select")));

se2.selectByValue("hilo");

b=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[4]"));

**if**(b.getText().equals("Price (high to low)")) {

System.***out***.println("Filter can be applied from High-Low");

}

**else** {

System.***out***.println("Filter cannot be applied from High-Low");

}

b=driver.findElement(By.*className*("inventory\_item\_name"));

System.***out***.println("Product High-Low : "+b.getText());

}

}

OUTPUT:

