Selenium Coding Contest

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Class: II CSE C

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1)

CODING

**package** answers;

**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** CA1\_Answer1 {

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

ChromeOptions cc= **new** ChromeOptions();

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

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

System.*setProperty*("webdriver.chrome.driver", "C:\\Users\\samyu\\eclipse-workspace\\test\\chromedriver.exe");

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

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

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

WebElement username=driver.findElement(By.*name*("user-name"));

username.sendKeys("standard\_user");

WebElement password=driver.findElement(By.*name*("password"));

password.sendKeys("secret\_sauce");

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

Thread.*sleep*(3000);

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

Boolean badge = driver.findElement(By.*className*("shopping\_cart\_badge")).isDisplayed();

**if**(badge==**true**) {

System.***out***.println("Item added to cart successfully");

}

**else** {

System.***out***.println("Item not added to cart successfully");

}

driver.findElement(By.*className*("shopping\_cart\_link")).click();

String cart\_word="Your Cart";

String site\_cart\_word=driver.findElement(By.*className*("title")).getText();

**if**(cart\_word.equals(site\_cart\_word)) {

System.***out***.println("Contents added successfully");

}

**else** {

System.***out***.println("Contents not added successfully");

}

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

String info="Checkout: Your Information";

String s\_info=driver.findElement(By.*className*("title")).getText();

**if**(info.equals(s\_info)) {

System.***out***.println("Information form entered successfully");

}

**else** {

System.***out***.println("Information form not entered successfully");

}

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

firstname.sendKeys("Samyukta");

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

lastname.sendKeys("Karthikeyan");

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

pin.sendKeys("641038");

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

String overview="Checkout: Overview";

String s\_over=driver.findElement(By.*className*("title")).getText();

**if**(overview.equals(s\_over)) {

System.***out***.println("Overview viewed");

}

**else** {

System.***out***.println("Overview not viewed");

}

System.***out***.println("Product name is : "+ driver.findElement(By.*className*("inventory\_item\_name")).getText());

System.***out***.println("Price is : "+ driver.findElement(By.*className*("inventory\_item\_price")).getText());

String title="Swag Labs";

String actualTitle=driver.getTitle();

**if**(title.equals(actualTitle)) {

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

}

**else** {

System.***out***.println("Title "+title+" is not verified");

}

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

String actualUrl=driver.getCurrentUrl();

**if**(url.equals(actualUrl)) {

System.***out***.println("URL "+url+" is verified");

}

**else** {

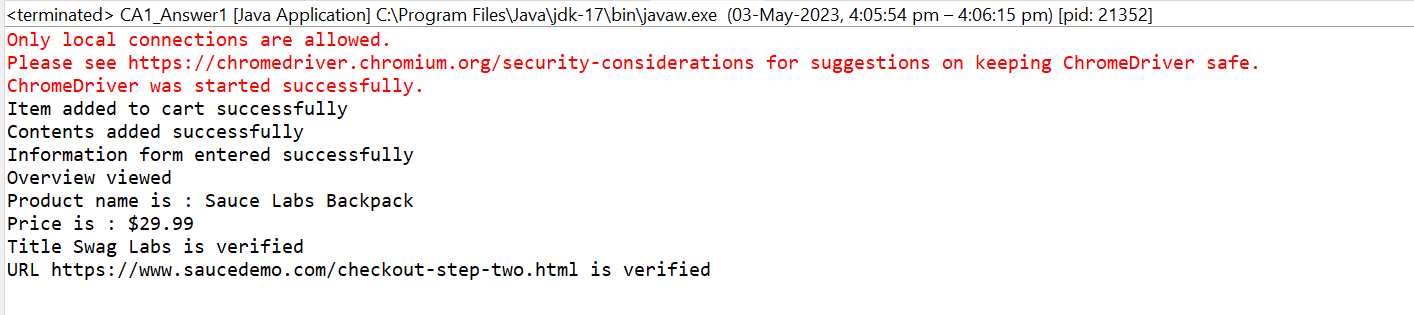
System.***out***.println("URL "+url+" is not verified");

}

}

}

Console:



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2)

CODING

**package** answers;

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

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

**public** **class** CA1\_Answer2 {

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

ChromeOptions cc= **new** ChromeOptions();

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

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

System.*setProperty*("webdriver.chrome.driver", "C:\\Users\\samyu\\eclipse-workspace\\test\\chromedriver.exe");

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

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

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

WebElement username=driver.findElement(By.*name*("user-name"));

username.sendKeys("standard\_user");

WebElement password=driver.findElement(By.*name*("password"));

password.sendKeys("secret\_sauce");

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

Thread.*sleep*(3000);

Select filter = **new** Select(driver.findElement(By.*className*("product\_sort\_container")));

filter.selectByVisibleText("Name (A to Z)");

System.***out***.println("1st product in A to Z "+ driver.findElement(By.*className*("inventory\_item\_name")).getText());

filter.selectByVisibleText("Name (Z to A)");

System.***out***.println("1st product in Z to A "+ driver.findElement(By.*className*("inventory\_item\_name")).getText());

Select filter1 = **new** Select(driver.findElement(By.*className*("product\_sort\_container")));

filter1.selectByValue("lohi");

System.***out***.println("1st product in low to high "+ driver.findElement(By.*className*("inventory\_item\_name")).getText());

Select filter2 = **new** Select(driver.findElement(By.*className*("product\_sort\_container")));

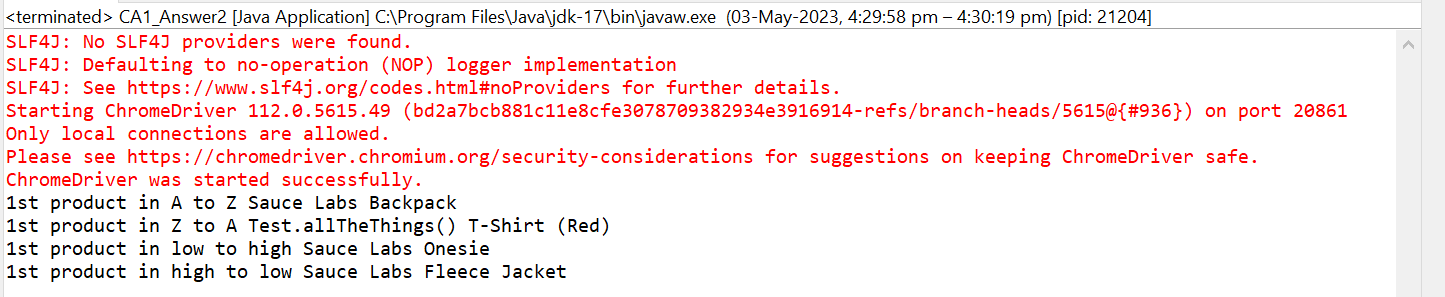
filter2.selectByValue("hilo");

System.***out***.println("1st product in high to low "+ driver.findElement(By.*className*("inventory\_item\_name")).getText());

}

}

CONSOLE:



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