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**Coding Contest 1**

**Task – 1**

package CC1;

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 Question1 {

public static void main(String[] args)

{

WebDriverManager.chromedriver().setup();

WebDriver driver;

ChromeOptions co = new ChromeOptions();

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

driver = new ChromeDriver(co);

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

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

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

username.sendKeys("standard\_user");

WebElement password=driver.findElement(By.id("password"));

password.sendKeys("secret\_sauce");

WebElement login = driver.findElement(By.id("login-button"));

login.submit();

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

WebElement addtocart = driver.findElement(By.id("add-to-cart-sauce-labs-backpack"));

addtocart.click();

WebElement cart = driver.findElement(By.id("shopping\_cart\_container"));

cart.click();

WebElement checkout = driver.findElement(By.id("checkout"));

checkout.click();

WebElement f\_name=driver.findElement(By.id("first-name"));

f\_name.sendKeys("Krishna");

WebElement l\_name=driver.findElement(By.id("last-name"));

l\_name.sendKeys("Vigashini");

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

code.sendKeys("638476");

WebElement cont = driver.findElement(By.id("continue"));

cont.click();

WebElement product = driver.findElement(By.id("item\_4\_title\_link"));

System.out.println("Product Name "+product.getText());

WebElement price = driver.findElement(By.xpath("//\*[@id=\"checkout\_summary\_container\"]/div/div[2]/div[8]"));

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

String Exceptedtitle = "Swag Labs";

String Actualtitle = driver.getTitle();

if(Exceptedtitle.equals(Actualtitle))

{

System.out.println("Title is valid");

}

else

{

System.out.println("Title is not valid");

}

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

String Actualurl = driver.getCurrentUrl();

if(Exceptedurl.equals(Actualurl))

{

System.out.println("Url is valid");

}

else

{

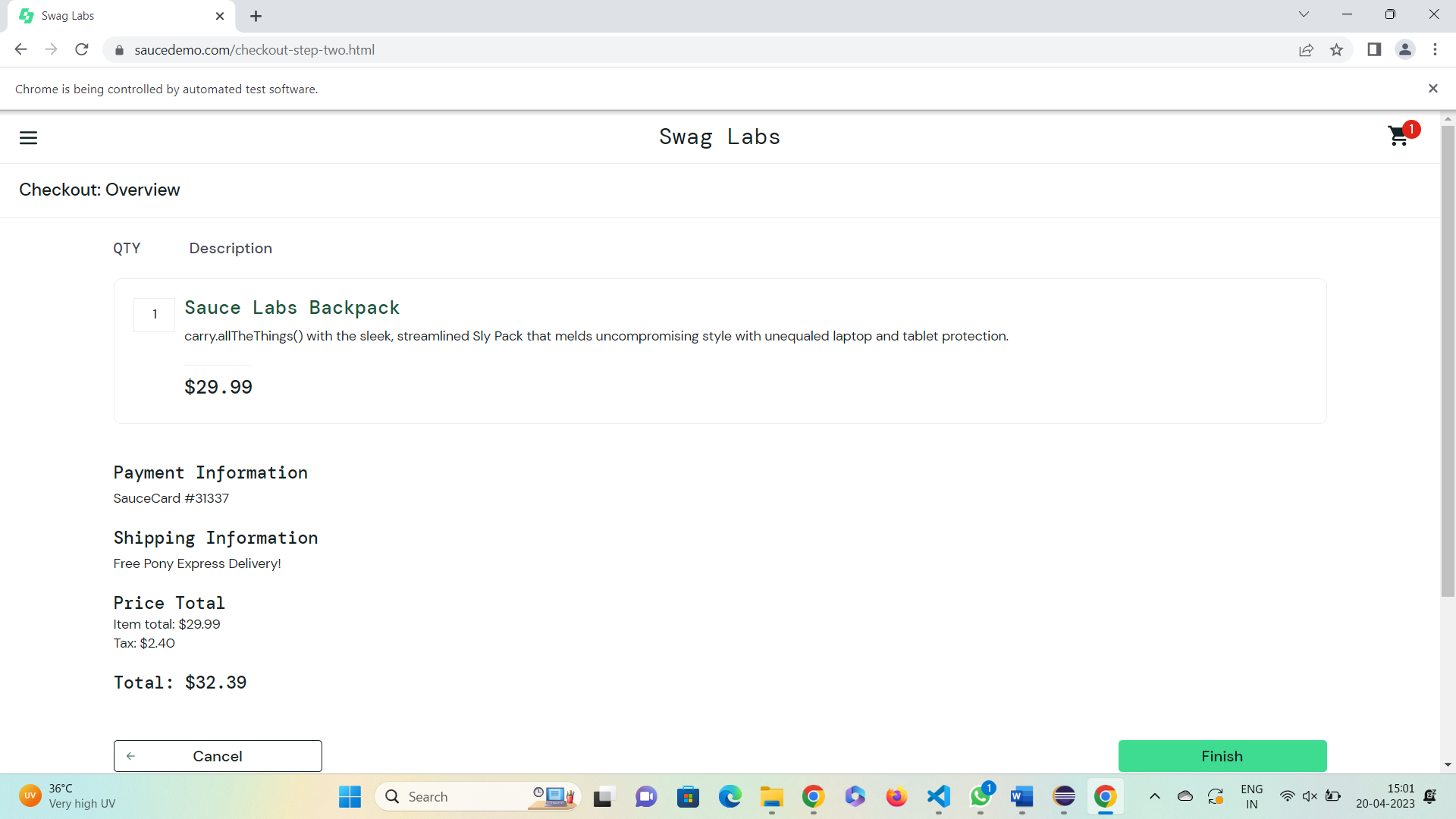
System.out.println("Url is not valid");

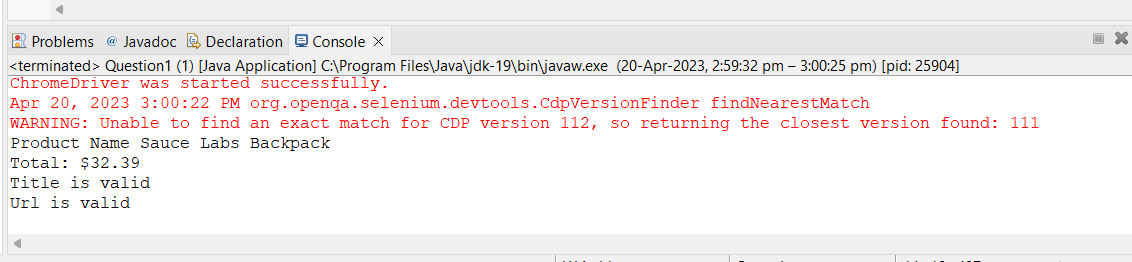
}

}

}

**Output :**





**Task – 2**

package CC1;

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 Question2 {

public static void main(String[] args)

{

WebDriverManager.chromedriver().setup();

WebDriver driver;

ChromeOptions co = new ChromeOptions();

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

driver = new ChromeDriver(co);

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

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

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

username.sendKeys("standard\_user");

WebElement password=driver.findElement(By.id("password"));

password.sendKeys("secret\_sauce");

WebElement login = driver.findElement(By.id("login-button"));

login.submit();

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

WebElement drop1 = driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select"));

drop1.click();

Select sel1 = new Select(drop1);

sel1.selectByIndex(0);

WebElement product1 = driver.findElement(By.xpath("//\*[@id=\"item\_4\_title\_link\"]/div"));

System.out.println("First Product name in A to Z : ");

System.out.println(product1.getText());

WebElement drop2 = driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select"));

drop2.click();

Select sel2 = new Select(drop2);

sel2.selectByIndex(1);

WebElement product2 = driver.findElement(By.xpath("//\*[@id=\"item\_3\_title\_link\"]/div"));

System.out.println("First Product name in Z to A : ");

System.out.println(product2.getText());

WebElement drop3 = driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select"));

drop3.click();

Select sel3 = new Select(drop3);

sel3.selectByIndex(2);

WebElement product3 = driver.findElement(By.xpath("//\*[@id=\"item\_2\_title\_link\"]/div"));

System.out.println("First Product name in Price(low to high) : ");

System.out.println(product3.getText());

WebElement drop4 = driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select"));

drop4.click();

Select sel4 = new Select(drop4);

sel4.selectByIndex(3);

WebElement product4 = driver.findElement(By.xpath("//\*[@id=\"item\_5\_title\_link\"]/div"));

System.out.println("First Product name in Price(high to low) : ");

System.out.println(product4.getText());

}

}

**Output:**

