

# Coding Contest 1

1) i)

```
package com.codingcontest;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import io.github.bonigarcia.wdm.WebDriverManager;

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

        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() ;

//user login

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

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

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

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

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

//Adding to cart

Thread.sleep(2000);

driver.findElement(By.xpath("//*[@id=\"add-to-cart-sauce-labs-backpack\"]")).click();

String
num=driver.findElement(By.xpath("//*[@id=\"shopping_cart_container\"]/a/span")).getTe
xt();

if(num.equals("1")){

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

}

//Viewing cart items

Thread.sleep(2000);

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

String
act=driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/span")).getText();
```

```
if(act.equals("Your Cart")) {  
  
    System.out.println("User can view contents in cart");  
  
}  
  
//checkout  
  
Thread.sleep(2000);  
  
driver.findElement(By.xpath("//*[@id=\"checkout\"]")).click();  
  
String  
ac=driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/span")).getText();  
  
if(ac.equals("Checkout: Your Information")) {  
  
    System.out.println("Your information is displayed");  
  
}  
  
//Filling form  
  
driver.findElement(By.xpath("//*[@id=\"first-name\"]")).click();  
  
driver.findElement(By.xpath("//*[@id=\"first-name\"]")).sendKeys("Tharun");  
  
driver.findElement(By.xpath("//*[@id=\"last-name\"]")).click();  
  
driver.findElement(By.xpath("//*[@id=\"last-name\"]")).sendKeys("Deeksith");  
  
driver.findElement(By.xpath("//*[@id=\"postal-code\"]")).click();  
  
driver.findElement(By.xpath("//*[@id=\"postal-code\"]")).sendKeys("626101");  
  
Thread.sleep(2000);  
  
driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();  
  
String  
actu=driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/span")).getText();  
  
if(actu.equals("Checkout: Overview")) {  
  
    System.out.println("Overview of the products displayed");  
  
}
```

```
}

//Details of the products

String name=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText();

System.out.println("Name of the product: "+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 of the product: "+price);

//Asserting the title

String actual=driver.getTitle();

if(actual.equals("Swag Labs")) {

System.out.println("Title of the page is asserted!");

}

//Asserting the url

String a=driver.getCurrentUrl();

if(a.equals("https://www.saucedemo.com/checkout-step-two.html")) {

System.out.println("URL of the page asserted!");

}

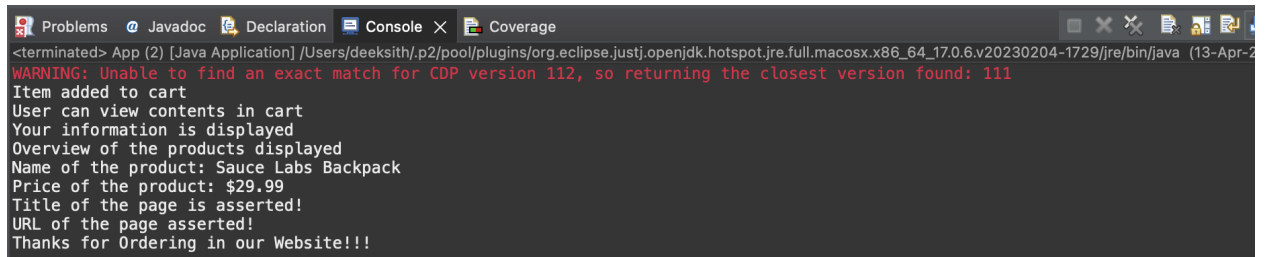
driver.findElement(By.xpath("//*[@id=\"finish\"]")).click();

System.out.print("Thanks for Ordering in our Website!!!");

}

}
```

Output:



```
<terminated> App (2) [Java Application] /Users/deeksith/p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (13-Apr-2023)
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
Item added to cart
User can view contents in cart
Your information is displayed
Overview of the products displayed
Name of the product: Sauce Labs Backpack
Price of the product: $29.99
Title of the page is asserted!
URL of the page asserted!
Thanks for Ordering in our Website!!!
```