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Problem-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** cc1 {

**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);

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

Thread.*sleep*(3000);

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

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("/html/body/div/div/div[2]/div[1]/div/div/form/input")).click();

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")).getText();

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

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

}

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");

}

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");

}

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

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

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

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

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

driver.findElement(By.*xpath*("//\*[@id=\"postal-code\"]")).sendKeys("625011");

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");

}

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

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

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

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

String acttitle=driver.getTitle();

String exptitle="Swag Labs";

**if**(acttitle.equals(exptitle)) {

System.***out***.println("Title get Validated");

}

**else** {

System.***out***.println("Title not get Validated");

}

String acturl=driver.getCurrentUrl();

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

**if**(acturl.equals(expurl)) {

System.***out***.println("URL get Validated");

}

**else** {

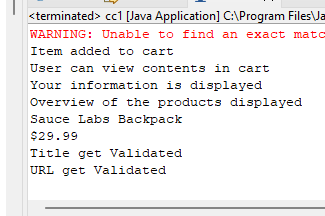
System.***out***.println("URL not get Validated");

}

}

}

Output:



Problem-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** io.github.bonigarcia.wdm.WebDriverManager;

**public** **class** cc2 {

**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);

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

Thread.*sleep*(3000);

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

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("/html/body/div/div/div[2]/div[1]/div/div/form/input")).click();

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[2]/div/span/select/option[1]")).click();

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[2]/div/span/select/option[2]")).click();

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[2]/div/span/select/option[1]")).click();

WebElement name1=driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div"));

System.***out***.println("First product name:"+name1.getText());

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[2]/div/span/select/option[2]")).click();

WebElement name2=driver.findElement(By.*xpath*("//\*[@id=\"item\_3\_title\_link\"]/div"));

System.***out***.println("First product name:"+name2.getText());

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[2]/div/span/select/option[3]")).click();

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[2]/div/span/select/option[4]")).click();

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[2]/div/span/select/option[3]")).click();

WebElement name3=driver.findElement(By.*xpath*("//\*[@id=\"item\_2\_title\_link\"]/div"));

System.***out***.println("First product name:"+name3.getText());

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[2]/div/span/select/option[4]")).click();

WebElement name4=driver.findElement(By.*xpath*("//\*[@id=\"item\_5\_title\_link\"]/div"));

System.***out***.println("First product name:"+name4.getText());

}

}

Output:

