NAME: PRANAV KUMAR S
ROLL NO: 727721EUCS104

Coding Contest

1.

CODE:

```java
package com.selenium.TestProject;

import org.junit.Assert;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;
import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;


public class CC1 {
    WebDriver driver;
    @Test

    public void f() throws Exception {
        WebDriverManager.edgedriver().setup();
        driver = new EdgeDriver();
        driver.get("https://www.saucedemo.com/");
        driver.manage().window().maximize();
        Thread.sleep(3000);
        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();
        WebElement atc =
driver.findElement(By.xpath("//*[@id=\"add-to-cart-
sauce-labs-backpack\"]"));
        atc.isEnabled();
        atc.click();
```

```java
        WebElement c =
driver.findElement(By.xpath("//*[@id=\"shopping_cart_
container\"]/a"));
        c.isEnabled();
        c.click();
        Thread.sleep(3000);
        String exp =
"https://www.saucedemo.com/cart.html";

Assert.assertEquals(driver.getCurrentUrl(),exp);

driver.findElement(By.xpath("//*[@id=\"checkout\"]"))
.click();
        driver.findElement(By.xpath("//*[@id=\"first-
name\"]")).sendKeys("standard");
        driver.findElement(By.xpath("//*[@id=\"last-
name\"]")).sendKeys("user");
        driver.findElement(By.xpath("//*[@id=\"postal-
code\"]")).sendKeys("600028");

driver.findElement(By.xpath("//*[@id=\"continue\"]"))
.click();
        Thread.sleep(3000);
        String exp2 =
"https://www.saucedemo.com/checkout-step-two.html";
        Assert.assertEquals(driver.getCurrentUrl(),
exp2);

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

System.out.println(driver.findElement(By.xpath("//*[@
id=\"checkout_summary_container\"]/div/div[1]/div[3]/
div[2]/div[2]/div")).getText());
        Assert.assertEquals(driver.getTitle(), "Swag
Labs");
        Assert.assertEquals(driver.getCurrentUrl()
,"https://www.saucedemo.com/checkout-step-two.html");
    }
}
```

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OUTPUT:

```
Microsoft Edge WebDriver was started successfully.
Sauce Labs Backpack
$29.99
PASSED: com.selenium.TestProject.CC1.f

===============================================
    Default test
    Tests run: 1, Failures: 0, Skips: 0
===============================================
```

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2.

CODE:

```java
package com.selenium.TestProject;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.edge.EdgeDriver;
import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;


public class CC2 {
    WebDriver driver;
      @Test

      public void f() throws Exception {
          WebDriverManager.edgedriver().setup();
          driver = new EdgeDriver();
          driver.get("https://www.saucedemo.com/");
          driver.manage().window().maximize();
          Thread.sleep(3000);

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();
          Thread.sleep(3000);
```

```java
driver.findElement(By.xpath("//*[@id=\"header_contain
er\"]/div[2]/div/span/select")).isEnabled();
        System.out.println("A-Z:" +
driver.findElement(By.xpath("//*[@id=\"item_4_title_l
ink\"]/div")).getText());

driver.findElement(By.xpath("//*[@id=\"header_contain
er\"]/div[2]/div/span/select")).click();

driver.findElement(By.xpath("//*[@id=\"header_contain
er\"]/div[2]/div/span/select/option[2]")).click();
        System.out.println("Z-A:" +
driver.findElement(By.xpath("//*[@id=\"item_3_title_l
ink\"]/div")).getText());

driver.findElement(By.xpath("//*[@id=\"header_contain
er\"]/div[2]/div/span/select")).click();

driver.findElement(By.xpath("//*[@id=\"header_contain
er\"]/div[2]/div/span/select/option[3]")).isEnabled()
;

driver.findElement(By.xpath("//*[@id=\"header_contain
er\"]/div[2]/div/span/select/option[3]")).click();
        System.out.println("Z-A:" +
driver.findElement(By.xpath("//*[@id=\"inventory_cont
ainer\"]/div/div[1]/div[2]/div[2]/div")).getText());

driver.findElement(By.xpath("//*[@id=\"header_contain
er\"]/div[2]/div/span/select/option[4]")).isEnabled()
;

driver.findElement(By.xpath("//*[@id=\"header_contain
er\"]/div[2]/div/span/select/option[4]")).click();
        System.out.println("Z-A:" +
driver.findElement(By.xpath("//*[@id=\"inventory_cont
ainer\"]/div/div[1]/div[2]/div[2]/div")).getText());
    }
}
```

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OUTPUT:

```
A-Z:Sauce Labs Backpack
Z-A:Test.allTheThings() T-Shirt (Red)
Z-A:$7.99
Z-A:$49.99
PASSED: com.selenium.TestProject.CC2.f

===============================================
    Default test
    Tests run: 1, Failures: 0, Skips: 0
===============================================
```