Coding Contest-1

Question:01

```java
package com.selenium.pravin.demo;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;
import io.github.bonigarcia.wdm.WebDriverManager;
public class CC1Q1 {
	public static void main(String[] args) throws Exception {
		WebDriverManager.edgedriver().setup();
		WebDriver driver=new EdgeDriver();
		driver.manage().window().maximize();
		Thread.sleep(3000);
		driver.get("https://www.saucedemo.com/");
		WebElement fn=driver.findElement(By.name("user-name"));
		 WebElement ln=driver.findElement(By.name("password"));
		 fn.sendKeys("standard_user");
		 ln.sendKeys("secret_sauce");
		 driver.findElement(By.xpath("//*[@id=\"login-button\"]")).click();

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

driver.findElement(By.xpath("//*[@id=\"shopping_cart_container\"]/a")).click();
		driver.findElement(By.xpath("//*[@id=\"checkout\"]")).click();
		WebElement cn=driver.findElement(By.name("firstName"));
		WebElement gn=driver.findElement(By.name("lastName"));
		WebElement tn=driver.findElement(By.name("postalCode"));
		cn.sendKeys("skcet");
		gn.sendKeys("K");
		tn.sendKeys("641008");
		Thread.sleep(3000);
		driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();
		WebElement
k=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div"));
		System.out.println("Product Name: "+k.getText());
```

```java
            WebElement
h=driver.findElement(By.xpath("//*[@id=\"checkout_summary_container\"]/div/div[1]/div
[3]/div[2]/div[2]/div"));
            System.out.println("Product Price: "+h.getText());
            String t1=driver.getTitle();
            System.out.println(t1);
       String t2="Swag Labs";
            if(t1.equals(t2)){
                 System.out.println("Expected Title");
            }
            else {
                 System.out.println("Wrong Title");
            }
            String u1=driver.getCurrentUrl();
            System.out.println(u1);
            String u2="https://www.saucedemo.com/checkout-step-two.html";
            if(u1.equals(u2)){
                 System.out.println("Expected URL");
            }
            else {
                 System.out.println("Wrong URL");
            }
        }
    }
```

```
Microsoft Edge WebDriver was started successfully.
Product Name: Sauce Labs Backpack
Product Price: $29.99
Swag Labs
Expected Title
https://www.saucedemo.com/checkout-step-two.html
Expected URL
```

Question:02
```java
package com.selenium.pravin.demo;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;
import io.github.bonigarcia.wdm.WebDriverManager;
public class CC1Q2 {
```

```java
        public static void main(String[] args) throws Exception {
                WebDriverManager.edgedriver().setup();
                WebDriver driver=new EdgeDriver();
                driver.manage().window().maximize();
                Thread.sleep(3000);
                driver.get("https://www.saucedemo.com/");
            WebElement fn=driver.findElement(By.name("user-name"));
                WebElement ln=driver.findElement(By.name("password"));
                fn.sendKeys("standard_user");
                ln.sendKeys("secret_sauce");
                Thread.sleep(3000);
                driver.findElement(By.xpath("//*[@id=\"login-button\"]")).click();

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[1]")).click();
                Thread.sleep(3000);

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

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[2]")).click();
                Thread.sleep(3000);

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

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[1]")).click();
                WebElement
k=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div"));
                System.out.println("Product Name from A-Z: "+k.getText());

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

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[2]")).click();
                WebElement
t=driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/div"));
```

```java
			System.out.println("Product Name from Z-A: "+t.getText());
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select")).clic
k();

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[
3]")).click();
			Thread.sleep(3000);

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select")).clic
k();

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[
4]")).click();
			Thread.sleep(3000);

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select")).clic
k();

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[
3]")).click();
			WebElement
r=driver.findElement(By.xpath("//*[@id=\"item_2_title_link\"]/div"));
			System.out.println("Product Price from lower-higher: "+r.getText());

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select")).clic
k();

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[
4]")).click();
			WebElement
e=driver.findElement(By.xpath("//*[@id=\"item_5_title_link\"]/div"));
			System.out.println("Product Price from higher-lower: "+e.getText());
		}
}
```

```
Please see https://aka.ms/WebDriverSecurity for suggestions on keeping Microsoft Edge WebDriver safe.

Microsoft Edge WebDriver was started successfully.
Product Name from A-Z: Sauce Labs Backpack
Product Name from Z-A: Test.allTheThings() T-Shirt (Red)
Product Price from lower-higher: Sauce Labs Onesie
Product Price from higher-lower: Sauce Labs Fleece Jacket
```