***Writing Automation test script using Selenium with Java :***

// Importing all necessary packages

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class CartItemsValidationTest {

public static void main(String[] args) {

// Set the path of ChromeDriver executable file

System.setProperty("webdriver.chrome.driver", "pathr.exe");

// Initialize WebDriver

WebDriver driver = new ChromeDriver();

// Open the website using get

driver.get("https://www.saucedemo.com/cart.html");

List<WebElement> addToCartButtons = driver.findElements(By.xpath("//button[text()='Add to cart']")); int totalItems = addToCartButtons.size();

for (int i = 0; i < totalItems; i++)

{

addToCartButtons.get(i).click(); }

// Add more than 1 items to the cart or total

for (int i = 1; i <= totalItems ; i++)

{

String itemXPath = "//button[text()='Add to cart'][" + i + "]";

WebElement addToCartButton = driver.findElement(By.xpath(itemXPath));

addToCartButton.click();

}

// Open the cart by clicking on cart icon

WebElement cartLink = driver.findElement(By.id(//\*[‘shopping\_cart\_container’]/a));

cartLink.click();

// Validate number of items in the cart

boolean allItemsAdded = true;

for (int i = 1; i <= totalItems; i++)

{

String itemNameXPath = "//div[@class='inventory\_item\_name'][contains(text(),'Item " + i + "')]"; WebElement itemName = driver.findElement(By.xpath(itemNameXPath));

if (itemName == null)

{

allItemsAdded = false;

break;

}

}

if (allItemsAdded)

{

System.out.println("All items added in the cart are same ");

}

Else

{

System.out.println("Items added to cart are not same as added or are missing ");

}

// Close the browser

driver.quit();

}

}