**19. SauceDemo Application:**

package assessment;

import java.time.Duration;

import java.util.ArrayList;

import java.util.Collections;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.interactions.Actions;

public class SauceDemo {

    public static void main(String[] args) throws InterruptedException {

        //steps to load application

        ChromeDriver driver= new ChromeDriver();

        driver.manage().window().maximize();

        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(30));

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

        driver.findElement(By.id("user-name")).sendKeys("standard\_user");

        driver.findElement(By.id("password")).sendKeys("secret\_sauce");

        driver.findElement(By.id("login-button")).click();

        List<WebElement> allFare = driver.findElements(By.xpath("//div[@class='inventory\_item\_price']"));

        List<Double> allDoubleFare = new ArrayList<Double>();

        for (WebElement eachFare : allFare) {

            String text = eachFare.getText(); //$7.99

            String replaceAll = text.replace("$", ""); //7.99

            double parseDouble = Double.parseDouble(replaceAll);

            allDoubleFare.add(parseDouble);

            //System.out.println(parseDouble);

        }

        Collections.sort(allDoubleFare);

        Double leastFare = allDoubleFare.get(0);

        driver.findElement(By.xpath("//div[text()='"+leastFare+"']/following::button")).click();

    }

}