**Implementation of DataProvider Annotation on a website for testing for loginname and password**

**CODE:**

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| package ggg;  import java.time.Duration;  import org.openqa.selenium.By;  import org.openqa.selenium.WebDriver;  import org.openqa.selenium.WebElement;  import org.openqa.selenium.chrome.ChromeDriver;  import org.testng.annotations.DataProvider;  import org.testng.annotations.Test;  public class gh{    @Test(dataProvider="dp")  public void f(String un, String ps)    {  WebDriver driver=null;  driver = new ChromeDriver();  driver.get("https://www.saucedemo.com/v1/");  driver.manage().window().maximize();  driver.manage().timeouts().implicitlyWait(Duration.*ofSeconds*(3));  driver.findElement(By.*id*("user-name")).sendKeys(un);  driver.findElement(By.*id*("password")).sendKeys(ps);  driver.findElement(By.*id*("login-button")).click();    try {  driver.findElement(By.*xpath*("//\*[@id=\"inventory\_container\"]/div/div[1]/div[3]/button")).click();  System.*out*.println("Testing Sucessful");  } catch (Exception e)  {  System.*out*.println("Testing Sucessful");  }  }    @DataProvider  /\* public Object[][] dp()  {  Object[][] data = new Object[2][2];  {  data [0][0] ="standard\_user";  data [0][1]="secret\_sauce";    data [1][0] ="user";  data [1][1]="secret\_sauce";  }  return data;  } \*/    public Object[][] dp()  {  return new Object[][]  {  new Object[]{"standard\_user","secret\_sauce"},  { "abc","abc"},  { "abcd","abcd"}    };  }  } |

**OUTPUT: -**







