



Department of Computer Science
Bachelor of Computer Science (2017/2018)
Year III Semester II
CS 3212: Practical work on CS 3222
Assessment 03

Answer All Questions

Time: 01 Hour

Create a folder in the desktop with your “Registration Number” (Eg: 2017/COM/01) and save the answers for the following questions

Note:-

- Using Tool:- **Eclipse**
- Using Driver and Library:- **Google Chrome Driver, Selenium jar Library Files.**
- Source files are inside the **Source_Data_CS3212** folder on LMS.
- You must use **Google Chrome** as web browser
- Check your Chrome version (If the version not there in the source folder, download appropriate version. Download link is in the source folder name as “Chromedrive_link”) and upload the same version of **Chrome Driver** inside your every project

Q1) Create new maven project name as “**Assessment03**” using Selenium Web driver and Eclipse. Create a java file name as “**User_Test.java**”.

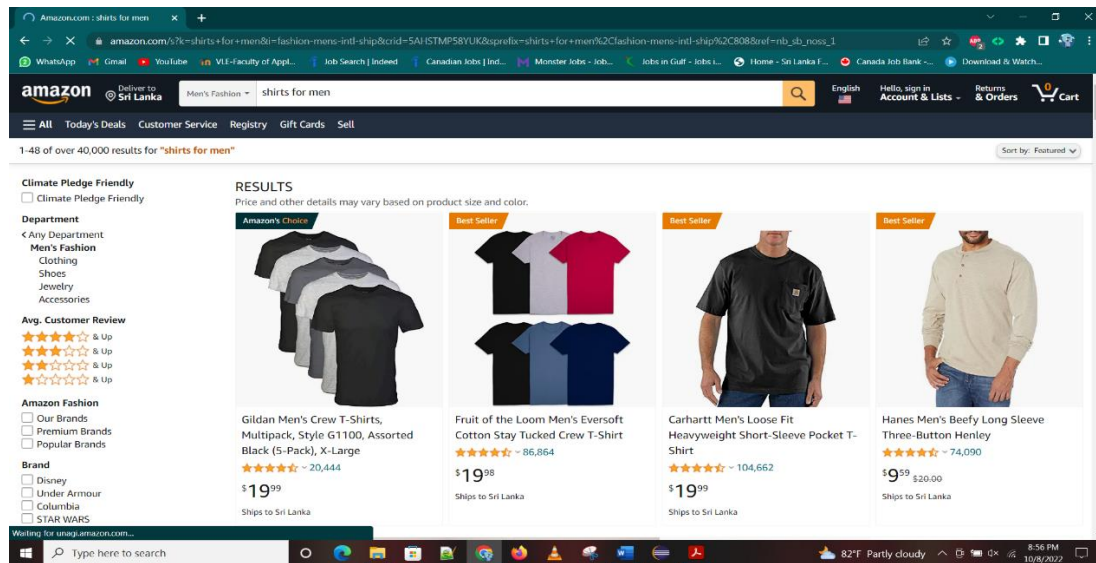
Extract the “**EmployeeUser.rar**” (inside the **Source_Data_CS3212** folder) and place it inside the **localhost** folder and upload the **user.sql**. Write down the selenium web driver java code for Auto check for following scenarios

1. Create a method called **callBrowser()** to call the “**Admin Login Page**”
2. Create a method called **passingUsernameAndPassword(String userName, String userPassword)** to pass the values into login fields
 - username - **admin@gmail.com**
 - password - **admin@12345**
3. Create a method called **adminLogin()** to login
 - **Condition:-** check username or password fields are empty or not.
 - i. If username is empty print out a message as “**username is empty**”
 - ii. If password is empty print out a message as “**password is empty**”
 - iii. Otherwise **login**

4. Create a method called `clickUserAndURLValidation()` to click the user side menu and should check the URL validation.
 - **Condition:-** Check current URL and expected URL both are same or not
 - i. If both matched print out a message in the console **“URL Validation Success!”**
 - ii. If both doesn't match print out a message in the console **“URL Validation Failed!”**
5. Create a method called `entriesDropdown()` to click the **show entries** dropdown and **print the selected value in the console**
 - **Condition:-** your method **must** select the option only by an **index**
 - Message:- **“The Selected Option is : ”**
6. Create a method called `searchUser(String name)` to search the user
 - Search value is :- **“Ad”**
7. Create a method called `addNewUser(String username, String password, String firstname, String lastname)` to insert new user
 - username - **ram@gmail.com**
 - password - **ram@12345**
 - firstname - **Ram**
 - lastname - **Gopal**
 - **Condition:-** Your created method itself **must** close the alert box after successfully creates a new user
 - Print the alert message in the console:- **“User Saving Alert Message is : ”**
8. Create a method called `updateUser(String lastname)` to update the user
 - Updates the lastname from **“Gopal”** to **“User”**
 - **Condition:-** Your created method itself **must** close the alert box after successfully updates a user
 - Print the alert message in the console:- **“User Updating Alert Message is : ”**
9. Create a method called `deleteUser()` to delete the user
 - **Condition:-** Click the delete button of **“Ram”** and your created method itself **must** close the alert box **without accepting the delete confirmation alert**
 - Print the alert message in the console:- **“User Deleting Alert Message is : ”**
10. Create a method called `logoutUser()` to logout from the website
11. Call all the created methods inside the main method

Q2) Create a java file name as “AmazonTest.java”. Inside the maven project name as “Assessment03”.

1. Write a method to Open Chrome browser and browse to <https://www.amazon.com/> website.
2. Write a method to enter a product in the search box on the homepage (say “shirts for men”, category as “Men's Fashion”) click the Search Button. (Below, shown sample output).



3. Write a method to print the result of the product.
4. Write a method to print Nth product details (say 4th Product.)
5. Write a method to print all products along with scroll down.

Note:- only upload your compressed folder (2017/COM/01.rar) which contains the java files (User Test.java and AmazonTest.java) to your LMS account. do not upload entire maven project folder.