

# Selenium Assessment - 2 - Trainer Sagar - FISERV

\* Required

1. Name : Batch: \*

Rahul Chauhan Batch 2

2. **1. Write a Selenium Automation Script for the below Requirement:**

1. **Navigate to the Fiserv website <https://www.fiserv.com/>**
2. **Click on Careers link**
3. **Switch to the Latest window using getWindowHandles**
4. **In the Location text-box enter the "Chennai"**
5. **Get all the List of all Populated data and select the option from List – "Chennai, India"**
6. **Click on Search**
7. **Go through the Search results, Print Total Number of "Quality Assurance" Jobs**
8. **Select the First Job result which has a keyword "Quality Assurance"**
9. **Click on Responsibilities**
10. **Print All the Responsibilities of the Job [Under What you will do section]**

- 11. Click on Apply Now button**
- 12. It Navigates to FiServ-WorkDay page**
- 13. Verify the title of a Page is "Workday"**
- 14. Enter the Email and Pwd with Invalid credentials**
- 15. Click on SignIn link**
- 16. Verify the error message "You may have entered the wrong email address or pwd or your account might be locked."**
- 17. Close the Current Window**
- 18. Switch back to the Parent window**
- 19. Click on Insights**
- 20. Print the header message**

```
package WebDriver.Assessment2_10262023;
import Utils.CommonUtils;
import Utils.TestData;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import java.time.Duration;
import java.util.List;
import java.util.Set;

public class Question1_Self {
    public static void main(String[] args) {
        WebDriver driver = CommonUtils.launchBrowser("chrome");
        driver.get("https://www.fiserv.com/");
        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(20));
        WebElement CareersLink = driver.findElement(By.xpath("//a[@data-
analytics='Top Nav - Careers']"));
        CareersLink.click();
        Set<String> allWindows = driver.getWindowHandles();
        allWindows = driver.getWindowHandles();
        System.out.println("Number of Opened windows are :" + allWindows.size());
        for (String currentWindow : allWindows) {
            driver.switchTo().window(currentWindow);
            String url = driver.getCurrentUrl();
            if (url.contains("keywords=careers")) {
                System.out.println("Switched to Careers Page");
                break;
            }
        }
    }
}
```

3.

```

WebElement Location = driver.findElement(By.cssSelector(".search-location"));
Location.sendKeys("Chennai");
List<WebElement> elements_locations =
driver.findElements(By.xpath("//ul[@class='mindreader-results']/li"));
for (WebElement element_location : elements_locations) {
    String actualLocation = element_location.getText();
    if (actualLocation.equalsIgnoreCase("Chennai, India")) {
        element_location.click();
        System.out.println(actualLocation + " is selected as a Location");
        break;
    }
}
WebElement SearchButton =
driver.findElement(By.xpath("//button[text()='Search']"));
SearchButton.click();
List<WebElement> elements_QARole =
driver.findElements(By.xpath("//section[@id='search-results-list']/ul/li/a/h3"));
int QARole_Count = 0;
for (WebElement element_QA : elements_QARole) {
    String QA_Role = element_QA.getText();
    if (QA_Role.equalsIgnoreCase("Quality Assurance")) {
        QARole_Count = QARole_Count + 1;
    }
}
System.out.println("Total Number of QA Role Jobs are -" + QARole_Count);
for (WebElement element_QA : elements_QARole) {
    String QA_Role = element_QA.getText();
    if (QA_Role.equalsIgnoreCase("Quality Assurance")) {
        element_QA.click();
        System.out.println(QA_Role + " Job is selected.");
        break;
    }
}

```

4.

```
WebElement ResponsibilityButton = driver.findElement(By.cssSelector("#ajd-  
anchor-responsibilities>a"));  
    ResponsibilityButton.click();  
    List<WebElement> RespoList =  
driver.findElements(By.xpath("//b[text()='What you will do:']/../ul[1]/li"));  
    for (WebElement ResponsibilityList : RespoList) {  
        String ListOfResp = ResponsibilityList.getText();  
        System.out.println(ListOfResp);  
    }  
    WebElement ApplyButton = driver.findElement(By.cssSelector(".button.job-  
apply.nav"));  
    ApplyButton.click();  
    String Title = driver.getTitle();  
    if(Title.contains("Workday")){  
        System.out.println("Workday page is loaded.");  
    }  
    WebElement WDEmail = driver.findElement(By.xpath("//input[@data-  
automation-id='email']"));  
    WebElement WDPas = driver.findElement(By.xpath("//input[@data-  
automation-id='password']"));
```

## 5. Question

```

WebElement WLoginBtn = driver.findElement(By.xpath("//input[@data-automation-id='signInSubmitButton']"));
WEmail.sendKeys("rah.cha@fis.com");
WDPas.sendKeys("12345");
WLoginBtn.click();
WebElement WLoginErr = driver.findElement(By.xpath("//div[@data-automation-id='errorMessage']/p"));
String ErrMsg = WLoginErr.getText();
if(ErrMsg.equalsIgnoreCase("You may have entered the wrong email address or pwd or your account might be locked.)){
    System.out.println("Correct Error Message displayed");
}else{
    System.out.println("Error Msg is not correct");
}
driver.close();
driver.switchTo().defaultContent();
WebElement InsightBtn = driver.findElement(By.xpath("//a[text()='Insights'][@data-analytics='Top Nav - Insights']"));
InsightBtn.click();
String InsightHeader1 = driver.findElement(By.xpath("//span[@class='ns-heading-2']")).getText();
String InsightHeader2 = driver.findElement(By.xpath("//div[@class='cmp-text']/p/span/span/span[1]")).getText();
String InsightHeader3 = driver.findElement(By.xpath("//div[@class='cmp-text']/p/span/span/span//following-sibling::span")).getText();
System.out.println("Title of Insight page is - "+InsightHeader1 +
"+InsightHeader2+ " "+InsightHeader3);
}
}

```

## 6. 2. Write a Selenium Automation Script for below Requirement

1. Load the Demo WebShop <http://demowebshop.tricentis.com/>
2. Login with Below Credentials  
  
 U: [aarosagarch@gmail.com](mailto:aarosagarch@gmail.com)  
  
 P: Admin@123
3. Click on Email Name
4. Click on Orders

5. Print the Total Number of Orders placed
6. Print the Total value of all orders placed
7. Print the Total value of all orders per day wise

Enter your answer

#### 7. Question

Enter your answer

#### 8. Question

Enter your answer

#### 9. Question

Enter your answer

#### 10. 3. Write a Selenium Automation Script for the below Requirement

1. Navigate to OrangeHRM URL <https://automatetest-trials710.orangehrmlive.com/>

2. Login with the Credentials [UN: Admin, PW: Admin@123]
3. Verify the Login is successful or not
4. Click on HR Administration
5. Click on Organizations
6. Click on Locations
7. Click on +(Add) button
8. In Add button, Enter the data for Name field

Ex: Fiserv\_<UN>

9. Select Country
10. Select TimeZone
11. Enter the State/Province value
12. Enter the City Name
13. Enter the Zip/Postal Code
14. Click on Save button
15. Now Click on Filter button
16. Enter the LocationName, which you Saved from the Step 8
17. Click on Search
18. Verify Search Result is only one
19. Verify the "City", "Country" fields data which you selected from Step9 & Step12.
20. Now, Click on Employee Management
21. Under Employee List, Click on + button
22. Now, Verify the Location Data is populated in Add Employee



```
package WebDriver.Assessment2_10262023;
import Utils.CommonUtils;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import pages.OrangeHRM_LoginPage;
import java.time.Duration;
import java.util.List;
import java.util.Set;
public class Question3_Self {
    public static void main(String[] args) {
        WebDriver driver = CommonUtils.launchBrowser("chrome");
        driver.get("https://automatetest-trials710.orangehrmlive.com/");
        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(20));
        OrangeHRM_LoginPage.login_OrangeHRM(driver, "Admin", "Admin@123");
        WebElement EmpMangTitle_HomePage =
driver.findElement(By.xpath("//div[text()='Employee Management']"));
        if(EmpMangTitle_HomePage.isDisplayed()){
            System.out.println("User logged in successfully");
        }else{
            System.out.println("User is not logged in successfully");
        }
        WebElement HRAdmin = driver.findElement(By.xpath("//a[@data-
automation-id='menu_admin_viewSystemUsers']/span[text()='HR
Administration']"));
        HRAdmin.click();
        WebElement OrganizationBtn = driver.findElement(By.xpath("//a[@data-
automation-id='menu_admin_Organization']"));
        OrganizationBtn.click();
    }
}
```

## 11. Question

```

List <WebElement> OrgList_DropDown =
driver.findElements(By.xpath("//a[@data-automation-
id='menu_admin_Organization']/../sub-menu-container/div/div/a"));
for(WebElement OrgL : OrgList_DropDown){
    String Organization_Value = OrgL.getText();
    if(Organization_Value.equalsIgnoreCase("Locations")){
        OrgL.click();
        System.out.println(Organization_Value+"- value is selected from drop-
down.");
        break;
    }
}
WebElement AddLocationBtn =
driver.findElement(By.xpath("//i[text()='add']"));
AddLocationBtn.click();
WebElement LocationNameField =
driver.findElement(By.cssSelector("#name"));
LocationNameField.sendKeys("Fiserv_RC");
WebElement CountryField =
driver.findElement(By.cssSelector("#countryCode_inputfileddiv"));
List <WebElement> Country_DropDown =
driver.findElements(By.xpath("//div[@id='countryCode_inputfileddiv']/div/ul/li"));
for(WebElement CountryListItem : Country_DropDown){
    String CountryValue = CountryListItem.getText();
    if(CountryValue.equalsIgnoreCase("Belarus")){
        CountryListItem.click();
    }
}

```

## 12. Question

```

WebElement TimeZoneField =
driver.findElement(By.cssSelector("#countryCode_inputfileddiv"));
List <WebElement> TimeZone_DropDown =
driver.findElements(By.xpath("//div[@id='countryCode_inputfileddiv']/div/ul/li"));
for(WebElement TimeZoneListItem : TimeZone_DropDown){
    String TimeZoneValue = TimeZoneListItem.getText();
    if(TimeZoneValue.equalsIgnoreCase("(GMT-10:00) Johnston Time")){
        TimeZoneListItem.click();
        System.out.println(TimeZoneValue+" is selected.");
        break;
    }
}

```

## 13. Question

```

WebElement StateField = driver.findElement(By.cssSelector("#province"));
StateField.sendKeys("Madhya Pradesh");
WebElement CityField = driver.findElement(By.cssSelector("#city"));
StateField.sendKeys("Indore");
WebElement ZipCodeField = driver.findElement(By.cssSelector("#zipCode"));
StateField.sendKeys("462528");
WebElement SaveBtn = driver.findElement(By.xpath("//a[text()='Save']"));
SaveBtn.click();

WebElement FilterIcon = driver.findElement(By.xpath("//i[text()='oxd_filter']"));
FilterIcon.click();

WebElement LocationField =
driver.findElement(By.cssSelector("#location_name_filter"));
LocationField.sendKeys("Fiserv_RC");

WebElement SearchBtn = driver.findElement(By.xpath("//a[text()='Search']"));
SearchBtn.click();

//Type code to verify table values... However, The same can be verified by

```

#### 14. Question

```

WebElement EmpMang = driver.findElement(By.xpath("//a[@class='main-menu-item-1']/span[text()='Employee Management']"));
EmpMang.click();

WebElement AddEmployeeButton =
driver.findElement(By.xpath("//a[@id='addEmployeeButton']/i[text()='add']"));
AddEmployeeButton.click();

WebElement LocationField_AddEmp =
driver.findElement(By.xpath("//select[@id='location']/../div[]/button/div[1]/div/div[
text()='-- Select --']"));
WebElement LocationOptions =
driver.findElement(By.xpath("//span[@class='text'][text()='India Office']"));

// The drop-down is not showing any options where I could use Advance For
loop to check new Location exist.

}

}

```

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