

Automation Script For Login Page And Home Page

```
/**
 * @author Neha Sinha
 * https://www.linkedin.com/in/neha-sinha-73730a210/
 * https://github.com/neha1912Feb
 */

package AutomationScripts;

import java.util.Arrays;
import java.util.List;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.ui.Select;

public class SortingTable{
    public static void main(String args[]){

        //launch chrome browser
        System.setProperty("webdriver.chrome.driver","C:\\\\Users\\\\chromedriver.exe");

        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();

        //launch web page
        driver.get("https://sakshingp.github.io/assignment/login.html");

        //locate username and enter any username you want at 'any name'
        driver.findElement(By.xpath("//input[@id='username']")).sendKeys("any name");

        //locate password and enter any password you want at 'any password'
        driver.findElement(By.xpath("//input[@id='password']")).sendKeys("any password");

        //locate login button
        driver.findElement(By.xpath("//button[@id='log-in']")).click();

        //Switch to home page
        String currentWindowHandle = driver.getWindowHandle();
        driver.switchTo().window(currentWindowHandle);
    }
}
```

```

//locate amount header in the transaction table
List<WebElement> amountHeader =
driver.findElements(By.xpath("//th[@id='amount']"));

//getting amount values before sorted
int[] beforeSort_value = new String[names.size()];

//Get the text into the array
for(int i=0; i<names.size(); i++) {

    beforeSort_value[i] = names.get(i).getText.trim();
}
System.out.println("-----Before sorting value-----");
System.out.println("Before sorting value :" + beforeSort_value);

//Sort function
Arrays.sort(beforeSort_value);

//locate amount header in the transaction table
List<WebElement> amountHeader =
driver.findElements(By.xpath("//th[@id='amount']"));

WebElement sortBtn = driver.findElement(By.xpath("//th[@id='amount']"));
sortBtn.click();
System.out.println("-----After Sorting value-----")

//getting amount values after sorted
int[] afterSort_value = new String[names.size()];

//Get the text into the array
for(int i=0; i<names.size(); i++) {

    afterSort_value[i] = names.get(i).getText.trim();
}
System.out.println("After sorting value :" + afterSort_value);

//Sort function
Arrays.sort(afterSort_value);

//Clicking on sorting button

System.out.println("After clicking sort button");

Assert.assertEquals(afterSort_name, beforeSort_name);
System.out.println("Sort verified properly");          //-->Sorting successful

```

```

//without applying sort in application
System.out.println("without applying sort in application");

withoutSorting = driver.findElements(By.xpath("//th[@id='amount']"));

int[] afterSort_name = new String[names.size()];

//Get the text into the array
for(int i=0; i<names.size() ; i++) {

withoutSorting_value[i] = names.get(i).getText.trim();
}

System.out.println("Without clicking on sort button");

Assert.assertEquals(afterSort_name, beforeSort_name);
System.out.println("Sort not verified properly");    //-->Sorting not successful

}

public static void Print(String ar[]){
    for (int i=0; i<ar.length; i++){
        System.out.println(ar[i]);
    }
}

}

```

Html report of qawingify1

```

<?xml version= "1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite name="automation script" parallel="tests" thread-count="3">
    <listeners>
        <listeners>
            <test name ="automation-script">
                <classes>
                    <class name "com.automationScript.qa.testcases.RegisterTest"/>
                    <methods>
                        <include name ="sortingAmountTableValue"/>
                    </methods>
                </classes>
            </test> <!--Test -->
        </listeners>
    </suite> <!--Suite -->

```
