**Assignment -1(**WebTable**):**

➤ url : https://demo.guru99.com/test/web-table-element.php

➤ Retrieve the all company names from the table

➤ And display in console

➤ url : https://demo.guru99.com/test/login.html

➤ Enter email

➤ Enter password

➤ Click on Login button

package SeleniumModule2;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class Assignment1 {

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

System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");

WebDriver driver = new ChromeDriver();

//maximize the window

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

//get the url of the application

driver.get("https://demo.guru99.com/test/web-table-element.php");

//rows in a table

int rows= driver.findElements(By.xpath("//table[@class='dataTable']/tbody/tr")).size();

System.out.println("Total number of rows in a table :" + rows);

//column in a table

int column= driver.findElements(By.xpath("//table[@class='dataTable']//thead/tr/th")).size();

System.out.println("Total number of column in a table :"+ column);

// retrieve the specific rows/column data

String value= driver.findElement(By.xpath("//table[@class='dataTable']/tbody/tr[2]/td[1]")).getText();

System.out.println("The value is :"+ value);

//retrieve all the data from the table

for(int r=1; r<rows; r++)

{

for(int c=1; c<column; c++)

{

String data= driver.findElement(By.xpath("//table[@class='dataTable']/tbody/tr["+r+"]/td["+c+"]")).getText();

System.out.print(data +" ");

}

System.out.println();

}

// get the url of guru99

driver.get("https://demo.guru99.com/test/login.html");

//enter email

driver.findElement(By.id("email")).sendKeys("shilpee");

//enter password

driver.findElement(By.name("passwd")).sendKeys("shilpee123");

//click on sign in button

driver.findElement(By.name("SubmitLogin")).click();

Thread.sleep(1000);

//close the application

driver.close();

}

}