**18. Automation script (Plain script)**

**https://www.techlistic.com/p/demo-selenium-practice.html**

**1) open the website and traverse the complete table**

**2) Pass any country (dynamic \*\* for example -Germany ) the respective company(Google)should be displayed.**

**Note : The code should be written keeping in mind we can request to change the country name hence code should be dynamic.**

**Code should be able to handle Duplicates, No record Found values Scenarios also with Scripting**

**Expected Scenario:**

public class Techlistic {

    @Test

    public void solution2() {

        String input = "Germany";

        ChromeDriver driver = new ChromeDriver();

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

        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));

        driver.get("https://www.techlistic.com/2017/02/automate-demo-web-table-with-selenium.html");

        List<WebElement> allMatchingRows = driver.findElements(By.xpath("//table[@id='customers']//tr"));

        int count = 0; //2 -> 7

        for (int i = 2; i <= allMatchingRows.size(); i++) {

            String text = driver.findElement(By.xpath("//table[@id='customers']//tr[" + i + "]/td[3]")).getText();

            if (text.equals(input)) {

                count++;

                String company = driver.findElement(By.xpath("//table[@id='customers']//tr[" + i + "]/td[1]"))

                        .getText();

                System.out.println(company);

            }

        }

        if(count==0) {

            System.out.println("No matching country found");

        }

    }

}

**Another Approach:**

/\*

     \* @Test public void solution1() {

     \*

     \* String input = "Germany";

     \*

     \* ChromeDriver driver = new ChromeDriver();

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

     \* driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));

     \*

     \* driver.get(

     \* "https://www.techlistic.com/2017/02/automate-demo-web-table-with-selenium.html"

     \* );

     \*

     \* List<WebElement> allMatchingRows = driver.findElements(By.xpath(

     \* "(//table[@id='customers']//span[text()='" + input +

     \* "']/../preceding-sibling::td/../td/span)[1]"));

     \*

     \* if (allMatchingRows.size() > 0) {

     \*

     \* for (WebElement eachRow : allMatchingRows) { String companyName =

     \* eachRow.getText(); System.out.println(companyName); }

     \*

     \* } else { System.out.println("No matching country found"); }

     \*

     \* }

     \*/