

Q2. Automate the following scenario using selenium web driver script.

- **Fetch Mercury Tour's homepage.**
- **Verify its title.**
- **Print out the result of the comparison.**
- **Close it before ending the entire program.**

```
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.*;
import java.util.Scanner;
public class Demo {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.setProperty("webdriver.gecko.driver", "/home/student/geckodriver");

        System.out.print("Enter expected title:");
        String expected = sc.nextLine(); // Welcome: Mercury Tours

        String url = "http://demo.guru99.com/test/newtours/";

        WebDriver driver = new FirefoxDriver();
        driver.get(url);
        if(driver.getTitle().equals(expected)) {
            System.out.println("Test Passed:Title match");
        }
        else {
            System.out.println("Test Failed:Title mismatch.");
        }
        driver.close();
    }
}
```

Output:

Case 1:

Enter expected title:Welcome: Mercury Tours

Test Passed:Title match

Case 2:

Enter expected title:Welcome

Test Failed:Title mismatch.

Q3. Automate the following scenario using selenium web driver script.

- **Launch the browser and open "Gmail.com".**
- **Verify the title of the page and print the verification result.**
- **Enter the username and password.**
- **Click on the Sign in button.**
- **Close the web browser.**

```

import org.openqa.selenium.*;
import org.openqa.selenium.firefox.*;
import java.util.Scanner;
public class MyClass {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        System.setProperty("webdriver.gecko.driver", "/home/student/geckodriver");
        Scanner sc = new Scanner(System.in);
        String baseUrl = "https://www.gmail.com";

        System.out.print("Enter expected title:"); // Gmail
        String expected = sc.nextLine();
        WebDriver driver = new FirefoxDriver();
        driver.get(baseUrl);
        if(driver.getTitle().equals(expected))
        {
            System.out.println("Test Passed:Title Matched");
            driver.findElement(By.id("identifierId")).clear();
            driver.findElement(By.id("identifierId")).sendKeys("email@email.com");
            driver.findElement(By.id("identifierNext")).click();
            try {
                Thread.sleep(5000);
            }
            catch(Exception e)
            {
                System.out.println("Exception occurred.");
            }
            driver.findElement(By.name("password")).sendKeys("password");
            driver.findElement(By.id("passwordNext")).click();
        }
        else System.out.println("Test Failed:Title Mismatch");
        driver.close();
    }
}

```

Output:

Case 1:

Enter expected title:Gmail
Test Passed:Title Matched

Case 2:

Enter expected title:Facebook
Test Failed:Title Mismatch

Q4. Automate the following scenario using selenium web driver script.

- **Launch the Firefox browser.**
- **Open website, “https://www.flipkart.com”.**
- **Print message to display that the website is opened successfully.**
- **Wait for 5 seconds.**
- **Close the browser.**

```
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.*;
import java.util.Scanner;
public class MyClass {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.setProperty("webdriver.gecko.driver", "/home/student/geckodriver");
        System.out.print("Enter url:");
        String url = sc.nextLine(); // https://www.flipkart.com
        String expected = "Online Shopping Site for Mobiles, Electronics, Furniture, Grocery,
Lifestyle, Books & More. Best Offers!";

        WebDriver driver = new FirefoxDriver();
        driver.get(url);
        if(driver.getTitle().equals(expected)) {
            System.out.println("Test Passed:Web page loaded successfully");
        }
        else {
            System.out.println("Test Failed:Web page title mismatch.");
        }
        System.out.println("Waiting 5 seconds....");
        try {
            Thread.sleep(5000);
        }
        catch(InterruptedException e)
        {
            System.out.println(e);
        }
        driver.close();
        System.out.println("Web browser closed.");
    }
}
```

Output:

Case 1:

Enter url:https://www.flipkart.com

Test Passed:Web page loaded successfully

Waiting 5 seconds....

Web browser closed.

Case 2:

Enter url:<https://www.facebook.com>

Test Failed: Web page title mismatch.

Waiting 5 seconds....

Web browser closed.