SBA 4: To validate the below website (with atleast 10 different scenarios) depicting the selenium-webdriver and TestNG frameworks.

[Register: Mercury Tours (guru99.com)](https://demo.guru99.com/test/newtours/register.php)

Source Code : NewTestClassEx3.java

package TestNGPractice;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.support.ui.Select;

import org.testng.Assert;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

public class NewTestClassEx3 {

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

String driverPath = "C:\\Users\\ustjavasdetb413\\Downloads\\chromedriver.exe";

public WebDriver driver;

public String expected = null;

public String actual = null;

@BeforeTest

public void launchBrowser() {

System.out.println("launching firefox browser");

System.setProperty("webdriver.chrome.driver", driverPath);

driver= new ChromeDriver();

driver.get(baseUrl);

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

}

@Test(priority = 0)

public void register() throws InterruptedException{

driver.findElement(By.linkText("REGISTER")).click() ;

expected = "Register: Mercury Tours";

actual = driver.getTitle();

Assert.assertEquals(actual, expected);

}

@Test(priority = 1)

public void text() throws InterruptedException{

String t ="To create your account, we'll need some basic information about you.";

if(driver.getPageSource().contains("To create your account")) {

System.out.println("Text:"+t+" is present ");

}else {

System.out.println("Text :"+t+" is not present ");

}

}

@Test(priority = 2)

public void addContactInformation() throws InterruptedException {

driver.findElement(By.name("firstName")).sendKeys("Binu");

//driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

Thread.sleep(3000);

driver.findElement(By.name("lastName")).sendKeys("Baby");

Thread.sleep(3000);

driver.findElement(By.name("phone")).sendKeys("7300002100");

Thread.sleep(3000);

driver.findElement(By.name("userName")).sendKeys("Binu@gmail.com");

Thread.sleep(3000);

}

@Test(priority = 3)

public void scrollDownWebpage() throws InterruptedException {

JavascriptExecutor js = (JavascriptExecutor) driver;

js.executeScript("window.scrollBy(0,350)", "");

Thread.sleep(3000);

}

@Test(priority = 4)

public void mailingInformation() throws InterruptedException {

driver.findElement(By.name("address1")).sendKeys("puthenchira(H)");

Thread.sleep(1000);

driver.findElement(By.name("city")).sendKeys("Alappuzha");

Thread.sleep(1000);

driver.findElement(By.name("state")).sendKeys("Kerala");

Thread.sleep(1000);

driver.findElement(By.name("postalCode")).sendKeys("689595");

Thread.sleep(1000);

}

@Test(priority = 5)

public void dropDown() throws InterruptedException {

Select s1=new Select(driver.findElement(By.name("country")));

s1.selectByVisibleText("BAHRAIN");

Thread.sleep(3000);

s1.selectByValue("INDIA");

Thread.sleep(3000);

}

@Test (priority=6)

public void userinfo() throws InterruptedException {

driver.findElement(By.id("email")).sendKeys("Binu@gmail.com");

Thread.sleep(1000);

driver.findElement(By.name("password")).sendKeys("123");

Thread.sleep(1000);

driver.findElement(By.name("confirmPassword")).sendKeys("123");

Thread.sleep(2000);

}

@Test(priority = 7)

public void submitButton() throws InterruptedException {

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

//driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

Thread.sleep(3000);

}

@Test(priority = 8)

public void flightFinder() throws InterruptedException {

//redirect to fightfinder

driver.findElement(By.xpath("/html/body/div[2]/table/tbody/tr/td[1]/table

/tbody/tr/td/table/tbody/tr/td/table/tbody/tr[2]/td[2]/a")).click();

Thread.sleep(3000);

}

@Test(priority = 9)

public void radioButton() {

driver.findElement(By.xpath("/html/body/div[2]/table/tbody/tr/td[2]/table

/tbody/tr[4]/td/table/tbody/tr/td[2]/table/tbody/tr[5]/td/form/table/tbody

/tr[2]/td[2]/b/font/input[2]")).click();

}

}

Output :



