1)

package day9;

import org.testng.annotations.Test;

import org.testng.Assert;

import org.testng.annotations.DataProvider;

public class Task1 {

Integer a,b,c;

@Test(dataProvider = "dp")

public void add(Integer a, Integer b) {

c=a+b;

Assert.assertEquals(c, a+b);

}

@Test(dataProvider = "dp")

public void subract(Integer a, Integer b) {

c=a-b;

Assert.assertEquals(c, a-b);

}

@Test(dataProvider = "dp")

public void multiply(Integer a, Integer b) {

c=a\*b;

Assert.assertEquals(c, a\*b);

}

@Test(dataProvider = "dp")

public void divide(Integer a, Integer b) {

c=a/b;

Assert.assertEquals(c, a/b);

}

@DataProvider

public Object[][] dp() {

return new Object[][] {

new Object[] { 100, 20 },

new Object[] { 21, 15 },

};

}

}

2&3)

package day9;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.testng.Assert;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Task2 {

@Test(groups = "smoketest")

public void test1() {

WebDriverManager.chromedriver().setup();

ChromeOptions co=new ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

WebDriver driver=new ChromeDriver();

driver.navigate().to("https://godaddy.com/");

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

Assert.assertEquals(driver.getTitle(), "Domain Names, Websites, Hosting & Online Marketing Tools - GoDaddy IN");

Assert.assertEquals(driver.getCurrentUrl(), "https://www.godaddy.com/en-in");

}

@Test(groups = "Regressiontest")

public void test2() throws InterruptedException

{

WebDriverManager.chromedriver().setup();

ChromeOptions co=new ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

WebDriver driver=new ChromeDriver();

driver.navigate().to("https://godaddy.com/");

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

Thread.sleep(5000);

driver.findElement(By.xpath("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/div[2]/div[1]/ul/li[1]/button")).click();

Thread.sleep(1000);

driver.findElement(By.xpath("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/div[2]/div[1]/ul/li[1]/div/div[2]/div[1]/ul/li[2]/a")).click();

}

@Test(groups = "Regressiontest")

public void test3() throws InterruptedException

{

WebDriverManager.chromedriver().setup();

ChromeOptions co=new ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

WebDriver driver=new ChromeDriver();

driver.navigate().to("https://godaddy.com/");

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

Thread.sleep(15000);

driver.findElement(By.xpath("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/div[2]/div[1]/ul/li[1]/button")).click();

Thread.sleep(1000);

driver.findElement(By.xpath("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/div[2]/div[1]/ul/li[1]/div/div[2]/div[1]/ul/li[2]/a")).click();

Thread.sleep(5000);

System.out.println(driver.getTitle());

}

}

4)

package day9;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.openqa.selenium.edge.EdgeDriver;

import org.openqa.selenium.edge.EdgeOptions;

import org.testng.Assert;

import org.testng.annotations.AfterMethod;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Parameters;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Task4 {

WebDriver driver;

@Test

public void method() throws InterruptedException {

Thread.sleep(3000);

driver.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[1]/div/div[2]/input")).sendKeys("Admin");

driver.findElement(By.name("password")).sendKeys("admin123");

driver.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[3]/button")).click();

Thread.sleep(2000);

Assert.assertEquals(driver.getCurrentUrl(), "https://opensource-demo.orangehrmlive.com/web/index.php/dashboard/index");

}

@Parameters({"browser"})

@BeforeMethod

public void beforeMethod(String browser1)

{

if(browser1.equals("chrome"))

{

WebDriverManager.chromedriver().setup();

ChromeOptions co=new ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

driver=new ChromeDriver(co);

driver.navigate().to("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");

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

}

else if(browser1.equals("edge"))

{

WebDriverManager.edgedriver().setup();

EdgeOptions eo=new EdgeOptions();

eo.addArguments("--remote-allow-origins=\*");

driver=new EdgeDriver(eo);

driver.navigate().to("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");

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

}

}

@AfterMethod

public void afterMethod() throws InterruptedException

{

Thread.sleep(5000);

driver.close();

}

}

5)

package day9;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.openqa.selenium.edge.EdgeDriver;

import org.openqa.selenium.edge.EdgeOptions;

import org.testng.Assert;

import org.testng.annotations.AfterMethod;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Parameters;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Task5 {

WebDriver driver;

@Test

public void method() throws InterruptedException {

Thread.sleep(3000);

driver.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[1]/div/div[2]/input")).sendKeys("Suvitha");

driver.findElement(By.name("password")).sendKeys("12345");

driver.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[3]/button")).click();

Thread.sleep(2000);

Assert.assertEquals(driver.getCurrentUrl(), "https://opensource-demo.orangehrmlive.com/web/index.php/dashboard/index");

}

@BeforeMethod

public void beforeMethod()

{

WebDriverManager.chromedriver().setup();

ChromeOptions co=new ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

driver=new ChromeDriver(co);

driver.navigate().to("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");

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

}

@AfterMethod

public void afterMethod() throws InterruptedException

{

Thread.sleep(5000);

driver.close();

}

}