Write a sample program using TestNG

Solution:

Package TestNG;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.\*;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

public class TestNGClass

{

WebDriver driver = new FirefoxDriver();

@BeforeTest

public void launchapp()

{

// Puts an Implicit wait, Will wait for 10 seconds before throwing exception

driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

// Launch website

driver.navigate().to("http://www.calculator.net");

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

}

@Test

public void calculatepercent()

{

// Click on Math Calculators

driver.findElement(By.xpath(".//\*[@id='menu']/div[3]/a")).click();

// Click on Percent Calculators

driver.findElement(By.xpath(".//\*[@id='menu']/div[4]/div[3]/a")).click();

// Enter value 10 in the first number of the percent Calculator

driver.findElement(By.id("cpar1")).sendKeys("10");

// Enter value 50 in the second number of the percent Calculator

driver.findElement(By.id("cpar2")).sendKeys("50");

// Click Calculate Button

driver.findElement(By.xpath(".//\*[@id='content']/table/tbody/tr/td[2]/input")).click

();

// Get the Result Text based on its xpath

String result =

driver.findElement(By.xpath(".//\*[@id='content']/p[2]/span/font/b")).getText();

// Print a Log In message to the screen

System.out.println(" The Result is " + result);

if(result.equals("5"))

{

System.out.println(" The Result is Pass");

}

else

{

System.out.println(" The Result is Fail");

}

}

@AfterTest

public void terminatetest()

{

driver.close();

}

}