**HomepageTest.java**

**package** com.TestNG;

**import** java.util.concurrent.TimeUnit;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.JavascriptExecutor;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.testng.annotations.AfterMethod;

**import** org.testng.annotations.BeforeMethod;

**import** org.testng.annotations.Test;

**public** **class** HomePageTest {

WebDriver driver;

@BeforeMethod

**public** **void** setUp() {

driver = **new** ChromeDriver();

driver.manage().timeouts().pageLoadTimeout(30, TimeUnit.***SECONDS***);

driver.manage().timeouts().implicitlyWait(20, TimeUnit.***SECONDS***);

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

driver.manage().deleteAllCookies();

driver.get("http://www.freecrm.com");

login("ramesh", "test@123");

driver.switchTo().frame("mainpanel");

}

@Test(priority=1)

**public** **void** clickOnContactsLinkTest() {

WebElement contacts = driver.findElement(By.*xpath*("//a[contains(text(),'Contacts')]"));

contacts.click();

}

@Test(priority=2)

**public** **void** clickOnDealsLinkTest() {

WebElement deals = driver.findElement(By.*xpath*("//a[contains(text(),'Contacts')]"));

deals.click();

}

@AfterMethod

**public** **void** tearDown() {

driver.quit();

}

**public** **void** login(String email, String password) {

driver.findElement(By.*name*("email")).sendKeys(email);

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

WebElement loginBtn = driver.findElement(By.*xpath*("//\*[@id=\"ui\"]/div/div/form/div/div[3]"));

JavascriptExecutor js = (JavascriptExecutor)driver;

js.executeScript("arguments[0].click();", loginBtn);

}

}

**TestNG.java**

**package** com.TestNG;

**import** org.testng.annotations.AfterMethod;

**import** org.testng.annotations.Test;

**import** org.testng.annotations.BeforeMethod;

**import** org.testng.AssertJUnit;

**import** java.util.concurrent.TimeUnit;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.testng.Assert;

**import** org.testng.annotations.AfterMethod;

**import** org.testng.annotations.BeforeMethod;

**import** org.testng.annotations.BeforeTest;

**import** org.testng.annotations.Test;

**public** **class** TestNG

{

WebDriver driver;

@BeforeMethod

@BeforeTest

**public** **void** setUp() {

driver = **new** ChromeDriver();

driver.manage().timeouts().pageLoadTimeout(30, TimeUnit.***SECONDS***);

driver.manage().timeouts().implicitlyWait(20, TimeUnit.***SECONDS***);

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

driver.manage().deleteAllCookies();

driver.get("http://www.freecrm.com");

}

@Test(priority=1)

**public** **void** verifyPageTitleTest() {

String title = driver.getTitle();

System.***out***.println("the page title is:"+ title);

AssertJUnit.*assertEquals*(title, "Free CRM software for customer relationship management, sales, marketing campaigns and support.");

}

@Test(priority=2)

**public** **void** verifyFreeCRMLogoTest() {

**boolean** flag = driver.findElement(By.*xpath*("/html/body/div[2]/div/div[1]/a")).isDisplayed();

AssertJUnit.*assertTrue*(flag);

}

@AfterMethod

**public** **void** tearDown() {

driver.quit();

}

}