**package** com.ayantsoft.Selenium.webpage;

**import** java.io.IOException;

**import** java.net.HttpURLConnection;

**import** java.net.MalformedURLException;

**import** java.net.URL;

**import** java.util.Iterator;

**import** java.util.List;

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

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

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

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

**import** org.openqa.selenium.firefox.FirefoxDriver;

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

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

**public** **class** SeleniumTestWeb {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

WebDriver driver = **new** FirefoxDriver();

String baseUrl = "http://localhost:8081/crudWithSpring";

driver.get(baseUrl);

WebElement addEmp = driver.findElement(**By**.id("addEmp"));

addEmp.click();

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

WebElement empName = driver.findElement(**By**.id("name"));

WebElement empPass = driver.findElement(**By**.id("pass"));

WebElement empEmail = driver.findElement(**By**.id("email"));

WebElement empCity = driver.findElement(**By**.id("city"));

WebElement saveEmp = driver.findElement(**By**.id("submitEmp"));

empEmail.sendKeys("selenium@gmail.com");;

empName.sendKeys("abc");

empPass.sendKeys("selenium@123");

empCity.sendKeys("selenium City");

saveEmp.click();

/\* WebElement chk1 = driver.findElement(By.id("chkId")); //check box

chk1.click();

WebElement rdId = driver.findElement(By.id("rdId")); //radio button

rdId.click();

\*/ //

/\* Select st = new Select(driver.findElement(By.id("state")));//drop down

st.selectByVisibleText("Alabama");

st.selectByIndex(2);

\*/

/\* WebElement anchr1=driver.findElement(By.linkText("click here"));//anchor links

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

System.out.println(anchr1.getText());

\*/

/\*WebElement anchr2=driver.findElement(By.partialLinkText("click here"));//same anchor but

System.out.println(driver.getTitle()); with partial text

System.out.println(anchr2.getText());

\*/

//broken link test

/\* HttpURLConnection huc = null;

String url = "";

int respCode = 200;

List<WebElement> links = driver.findElements(By.tagName("a"));

Iterator<WebElement> it = links.iterator();

while(it.hasNext()){

url = it.next().getAttribute("href");

System.out.println(url);

if(url == null || url.isEmpty()){

System.out.println("URL is either not configured for anchor tag or it is empty");

}

try {

huc = (HttpURLConnection)(new URL(url).openConnection());

huc.setRequestMethod("HEAD");

huc.connect();

respCode = huc.getResponseCode();

if(respCode >= 400){

System.out.println(url+" is a broken link");

}

else{

System.out.println(url+" is a valid link");

}

} catch (MalformedURLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

} catch (IOException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

}

\*/

// driver.close();

}

}