package brokenlinks;

import java.io.IOException;

import java.net.HttpURLConnection;

import java.net.URL;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

public class BrokenLinks

{

public static void main(String[] args) throws IOException {

int workingLinks =0;

int nonWorkingLinks =0;

System.setProperty("webdriver.gecko.driver", "C:\\selenium softwares\\geckodriver.exe");

WebDriver driver = new FirefoxDriver();

driver.get("http://facebook.com");

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

for(WebElement e : listOfLinks)

{

URL u = new URL(e.getAttribute("href"));

HttpURLConnection urlconnection = (HttpURLConnection)u.openConnection();

urlconnection.connect();

if(urlconnection.getResponseCode()==200)

{

workingLinks++;

}

else

{

nonWorkingLinks++;

}

urlconnection.disconnect();

}

System.out.println("Total Number of Links: "+listOfLinks.size());

System.out.println("No of working links: "+workingLinks);

System.out.println("No of non working Links: "+nonWorkingLinks);

driver.close();

}

}