**package** BrokenLinks;

**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.chrome.ChromeDriver;

**public** **class** BrokenLinkDemo {

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

System.*setProperty*("webdriver.chrome.driver","D:/Software/chromedriver.exe");

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

driver.get("https://www.google.com/");

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

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

System.***out***.println("Total links are "+links.size());

**for**(**int** i=0;i<links.size();i++)

{

WebElement ele= links.get(i);

String url=ele.getAttribute("href");

*verifyLinkActive*(url);

}

}

**public** **static** **void** verifyLinkActive(String linkUrl)

{

**try**

{

URL url = **new** URL(linkUrl);

HttpURLConnection httpURLConnect=(HttpURLConnection)url.openConnection();

httpURLConnect.setConnectTimeout(3000);

httpURLConnect.connect();

**if**(httpURLConnect.getResponseCode()==200)

{

System.***out***.println(linkUrl+" - "+httpURLConnect.getResponseMessage());

}

**if**(httpURLConnect.getResponseCode()==HttpURLConnection.***HTTP\_NOT\_FOUND***)

{

System.***out***.println(linkUrl+" - "+httpURLConnect.getResponseMessage() + " - "+ HttpURLConnection.***HTTP\_NOT\_FOUND***);

}

} **catch** (Exception e) {

}

}

}