

```

import java.io.IOException;
import java.net.HttpURLConnection;
import java.net.MalformedURLException;
import java.net.URL;
import java.net.URLConnection;
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;
import org.testng.Assert;
import org.testng.asserts.SoftAssert;
public class BrokenLinks {
public static void main(String[] args) throws MalformedURLException, IOException {
// TODO Auto-generated method stub
System.setProperty("webdriver.chrome.driver", "C://chromedriver.exe");
    WebDriver driver=new ChromeDriver();
    //broken URL
    //Step 1 - IS to get all urls tied up to the links using Selenium
    // Java methods will call URL's and gets you the status code
    //if status code >400 then that url is not working-> link which tied to
url is broken
    //a[href*="soapui"]'
    driver.get("https://rahulshettyacademy.com/AutomationPractice/");
    List<WebElement> links=
driver.findElements(By.cssSelector("li[class='gf-li'] a"));
    SoftAssert a =new SoftAssert();
    for(WebElement link : links)
    {
        String url= link.getAttribute("href");
        HttpURLConnection conn= (HttpURLConnection)new
URL(url).openConnection();
        conn.setRequestMethod("HEAD");
        conn.connect();
        int respCode = conn.getResponseCode();
        System.out.println(respCode);
        a.assertTrue(respCode<400, "The link with Text"+link.getText()+" is
broken with code" +respCode);
    }
    a.assertAll();
}
private static Object getReturnCode(WebElement link) {
// TODO Auto-generated method stub
return null;
}
}

```