package in.cdac;

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

import java.io.StringWriter;

import java.io.UnsupportedEncodingException;

import java.net.URL;

import java.security.KeyManagementException;

import java.security.NoSuchAlgorithmException;

import java.util.ArrayList;

import java.util.List;

import javax.net.ssl.SSLContext;

import org.apache.http.HttpResponse;

import org.apache.http.NameValuePair;

import org.apache.http.client.ClientProtocolException;

import org.apache.http.client.HttpClient;

import org.apache.http.client.entity.UrlEncodedFormEntity;

import org.apache.http.client.methods.HttpPost;

import org.apache.http.conn.scheme.Scheme;

import org.apache.http.conn.ssl.SSLContexts;

import org.apache.http.conn.ssl.SSLSocketFactory;

import org.apache.http.impl.client.DefaultHttpClient;

import org.apache.http.message.BasicNameValuePair;

public class IVRSPushCall {

public static void main(String[] args) {

// TODO Auto-generated method stub

String userName="";//Your username of services portal

String password="";//Your Password

String mobileNumber="";//If more than 1 then seprated by comma(,)

String voiceCode="";//as uploaded on website( give only nuber of voicecode)

makePushCall(userName,password,mobileNumber,voiceCode);

}

private static void makePushCall( String userName,String password,String mobileNumbers,String voiceCode){

SSLSocketFactory sf=null;

SSLContext context=null;

try {

context=SSLContext.getInstance("TLSv1.2"); //This line is required only for Java 7. No need for java 8 and above.

context.init(null, null, null);

sf=new SSLSocketFactory(context, SSLSocketFactory.ALLOW\_ALL\_HOSTNAME\_VERIFIER);

Scheme scheme=new Scheme("https",443,sf);

@SuppressWarnings("resource")

HttpClient client=new DefaultHttpClient();

client.getConnectionManager().getSchemeRegistry().register(scheme);

HttpPost post=new HttpPost("https://services.mgov.gov.in/PushCallAPI/MakePushCall");

List<NameValuePair> nameValuePairs=new ArrayList<NameValuePair>(1);

nameValuePairs.add(new BasicNameValuePair("username", userName));

nameValuePairs.add(new BasicNameValuePair("password", password));

nameValuePairs.add(new BasicNameValuePair("MobileNumbers", mobileNumbers));

nameValuePairs.add(new BasicNameValuePair("voiceCode", voiceCode));

post.setEntity(new UrlEncodedFormEntity(nameValuePairs));

HttpResponse response=client.execute(post);

BufferedReader bf=new BufferedReader(new InputStreamReader(response.getEntity().getContent()));

String line="";

while((line=bf.readLine())!=null){

System.out.println("response==>"+line);

}

} catch (NoSuchAlgorithmException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} catch (KeyManagementException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} catch (UnsupportedEncodingException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} catch (ClientProtocolException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}