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();

 }

 }

}