**package** com.example.prasanna.dictionary;  
  
**import** android.content.Intent;  
**import** android.os.AsyncTask;  
**import** android.os.Bundle;  
**import** android.os.Handler;  
**import** android.support.design.widget.FloatingActionButton;  
**import** android.support.design.widget.Snackbar;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.support.v7.widget.Toolbar;  
**import** android.view.Menu;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
  
**import** org.json.JSONArray;  
**import** org.json.JSONObject;  
  
**import** java.io.BufferedReader;  
**import** java.io.InputStream;  
**import** java.io.InputStreamReader;  
**import** java.net.HttpURLConnection;  
**import** java.net.URL;  
  
**public class** home **extends** AppCompatActivity {  
  
 TextView **displayText**;  
 String **response**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_home***);  
 **displayText** = (TextView) findViewById(R.id.***display***);  
 getSupportActionBar().setDisplayHomeAsUpEnabled(**true**);  
  
 }  
  
  
  
 @Override  
 **public boolean** onOptionsItemSelected(MenuItem item) {  
 **if**(item.getItemId() == R.id.***action\_logout***) {  
 Intent i = **new** Intent(home.**this**, MainActivity.**class**);  
 startActivity(i);  
 finish();  
 }**else if**(item.getItemId() == android.R.id.***home***){  
 onBackPressed();  
 }  
 **return super**.onOptionsItemSelected(item);  
 }  
  
 @Override  
 **public void** onBackPressed() {  
 **super**.onBackPressed();  
 finish();  
 }  
  
 **public void** dictionary(View v) {  
 **if** (v.getId() == R.id.***dictionary***) {  
 String Word = ((EditText) findViewById(R.id.***word***)).getText().toString();  
 **final** String urlText = **"https://dictionary.yandex.net/api/v1/dicservice.json/lookup?"** +  
 **"key=dict.1.1.20160202T025303Z.884393d1bc654f0c.e6ec9d84d2be290482388dda13e526a807092c05&lang=en-en&text="** + Word;  
  
 AsyncTask.*execute*(**new** Runnable() {  
 @Override  
 **public void** run() {  
 **try** {  
 URL url = **new** URL(urlText);  
 HttpURLConnection urlConnection = (HttpURLConnection) url.openConnection();  
 urlConnection.setRequestMethod(**"GET"**);  
 urlConnection.setDoInput(**true**);  
 urlConnection.setDoOutput(**true**);  
 StringBuilder stringBuilder = **new** StringBuilder();  
 InputStream is;  
 is = urlConnection.getInputStream();  
 BufferedReader br = **new** BufferedReader(**new** InputStreamReader(is));  
 String line;  
 **while** ((line = br.readLine()) != **null**) {  
 stringBuilder.append(line);  
 }  
 **response** = stringBuilder.toString();  
 JSONObject j = **new** JSONObject(**response**);  
 JSONArray k = j.getJSONArray(**"def"**);  
 JSONArray l = k.getJSONObject(0).getJSONArray(**"tr"**).getJSONObject(0).getJSONArray(**"syn"**);  
 **response** = **"1."**+l.getJSONObject(0).getString(**"text"**).toString()+ **" \n2."** + l.getJSONObject(1).getString(**"text"**).toString();  
 System.***out***.println(l);  
 is.close();  
 urlConnection.disconnect();  
 } **catch** (Exception e) {  
 e.printStackTrace();  
 }  
 }  
 });  
  
 Handler handler = **new** Handler();  
 handler.postDelayed(**new** Runnable() {  
 @Override  
 **public void** run() {  
 **displayText**.setText(**response**);  
 }  
 },1500);  
  
 }  
 }  
}