public class Home extends AppCompatActivity {

TextView displayText;

String response;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.home);

Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar\_home);

setSupportActionBar(toolbar);

displayText = (TextView) findViewById(R.id.display);

getSupportActionBar().setDisplayHomeAsUpEnabled(true);

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

getMenuInflater().inflate(R.menu.menu\_home,menu);

return super.onCreateOptionsMenu(menu);

}

@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 translate(View v){

//The API service URL

if (v.getId() == R.id.translate1) {

String text = ((EditText) findViewById(R.id.word)).getText().toString();

final String urlText = "http://api.mymemory.translated.net/get?q="+text+"&langpair=en|it";

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);

JSONObject k = j.getJSONObject("responseData");

response = k.getString("translatedText");

System.out.println(stringBuilder.toString());

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);

}

}

}