*<?***xml version="1.0" encoding="utf-8"***?>*<**GridLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/GridLayout1"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="fill\_parent"  
 android:columnCount="3"  
 android:rowCount="11"  
 tools:context=".MainActivity"  
 android:background="@drawable/panelhigh"**>  
 *<!--row 0-->* <**TextView  
 android:id="@+id/text1"  
 android:width="100dp"  
 android:height="60dp"  
 android:layout\_row="0"  
 android:layout\_column="0"  
 android:gravity="center"  
 android:padding="2.5dp"  
 android:text="Name"  
 android:textSize="25dp"  
 android:fontFamily="serif"  
 android:textColor="@color/colorAccent"  
 android:textStyle="bold|italic"**/>  
  
 <**TextView  
 android:id="@+id/text2"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="0"  
 android:layout\_column="1"  
 android:text="Level"  
 android:gravity="center"  
 android:padding="2.5dp"  
 android:textSize="25dp"  
 android:fontFamily="serif"  
 android:textColor="@color/colorAccent"  
 android:textStyle="bold|italic"**/>  
  
 <**TextView  
 android:id="@+id/text3"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="0"  
 android:layout\_column="2"  
 android:text="Score"  
 android:gravity="center"  
 android:padding="2.5dp"  
 android:textSize="25dp"  
 android:fontFamily="serif"  
 android:textColor="@color/colorAccent"  
 android:textStyle="bold|italic"**/>  
  
 <**TextView  
 android:id="@+id/text4"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="1"  
 android:layout\_column="0"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 *<!--row 2-->* <**TextView  
 android:id="@+id/text5"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="1"  
 android:layout\_column="1"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text6"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="1"  
 android:layout\_column="2"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 *<!--row 3-->* <**TextView  
 android:id="@+id/text7"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="2"  
 android:layout\_column="0"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text8"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="2"  
 android:layout\_column="1"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 *<!--row 4-->* <**TextView  
 android:id="@+id/text9"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="2"  
 android:layout\_column="2"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text10"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="3"  
 android:layout\_column="0"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 *<!--row 5-->* <**TextView  
 android:id="@+id/text11"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="3"  
 android:layout\_column="1"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text12"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="3"  
 android:layout\_column="2"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 *<!--row 6-->* <**TextView  
 android:id="@+id/text13"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="4"  
 android:layout\_column="0"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text14"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="4"  
 android:layout\_column="1"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 *<!--row 7-->* <**TextView  
 android:id="@+id/text15"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="4"  
 android:layout\_column="2"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text16"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="5"  
 android:layout\_column="0"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 *<!--row 8-->* <**TextView  
 android:id="@+id/text17"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="5"  
 android:layout\_column="1"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text18"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="5"  
 android:layout\_column="2"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 *<!--row 9-->* <**TextView  
 android:id="@+id/text19"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="6"  
 android:layout\_column="0"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text20"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="6"  
 android:layout\_column="1"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 *<!--row 10-->* <**TextView  
 android:id="@+id/text21"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="6"  
 android:layout\_column="2"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text22"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="7"  
 android:layout\_column="0"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text23"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="7"  
 android:layout\_column="1"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text24"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="7"  
 android:layout\_column="2"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text25"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="8"  
 android:layout\_column="0"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text26"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="8"  
 android:layout\_column="1"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text27"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="8"  
 android:layout\_column="2"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text28"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="9"  
 android:layout\_column="0"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text29"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="9"  
 android:layout\_column="1"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text30"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="9"  
 android:layout\_column="2"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text31"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="10"  
 android:layout\_column="0"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text32"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="10"  
 android:layout\_column="1"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
 <**TextView  
 android:id="@+id/text33"  
 android:width="150dp"  
 android:height="60dp"  
 android:layout\_row="10"  
 android:layout\_column="2"  
 android:gravity="center"  
 android:padding="2.5dp"**/>  
  
  
  
</**GridLayout**>

**package** com.example.shay;  
  
**import** android.content.res.Resources;  
**import** android.os.StrictMode;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.Gravity;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.GridLayout;  
**import** android.widget.LinearLayout;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** java.io.IOException;  
  
**public class** MainActivity **extends** AppCompatActivity  
{  
  
 Client **client**;  
 GridLayout **gridLayout1**;  
 TextView[][] **bf2**;  
 GridLayout.LayoutParams **params**;  
 **public void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
  
 StrictMode.ThreadPolicy policy = **new** StrictMode.ThreadPolicy.Builder().permitAll().build();  
 StrictMode.*setThreadPolicy*(policy);  
 setContentView(R.layout.***activity\_main***);  
 *// gridLayout1=(GridLayout) findViewById(R.id.gridLayout1);* **try** {  
 **client**=**new** Client(**this**);  
 **client**.execute();  
 }  
 **catch** (IOException e)  
 {  
 e.printStackTrace();  
 }  
  
 }  
 **private void** initComponents(String msg)  
 {  
 System.***out***.println(msg);  
 Resources res = getResources();  
 **bf2** = **new** TextView[10][3]; *//בbuild the textFiled* **int** y=4; *//the start place* String[]st;  
 String[] sarr=msg.split(**"\_"**); *//the message* **for** (**int** i = 0; i < sarr.**length**; i++) {  
 st = sarr[i].split(**","**);  
 **for** (**int** z = 0; z < st.**length**; z++) {  
 String b = **"text"** + y;  
 **bf2**[i][z] = (TextView) findViewById(res.getIdentifier(b, **"id"**, getPackageName()));  
 **params** = (GridLayout.LayoutParams) **bf2**[i][z].getLayoutParams();  
 **params**.**rightMargin** = 2;  
 **bf2**[i][z].setText(st[z]);  
 **bf2**[i][z].setLayoutParams(**params**);  
 y++;  
 }  
 }  
 }  
  
  
  
  
  
  
  
 **public void** showMessage(String msg)  
 {  
  
 initComponents(msg);  
   
  
 }  
  
}

**package** com.example.shay;  
  
**import** android.os.AsyncTask;  
**import** android.util.Log;  
  
**import** org.json.JSONException;  
  
**import** java.io.BufferedReader;  
**import** java.io.BufferedWriter;  
**import** java.io.IOException;  
**import** java.io.InputStreamReader;  
**import** java.io.OutputStreamWriter;  
**import** java.net.Socket;  
  
**public class** Client **extends** AsyncTask  
{  
 **private** Socket **socket**;  
 **private** BufferedReader **reader**;  
 **private** BufferedWriter **writer**;  
 **private** MainActivity **mainActivity**;  
 **private int port**;  
 **private** String **ip**,**msgIn** = **""**, **msgOut** = **""**;  
 **private boolean play** = **true**;  
  
  
 **public** Client(MainActivity mainActivity) **throws** IOException  
 {  
 **this**.**mainActivity** = mainActivity;  
 **this**.**port** = 8001;  
 **this**.**ip** = **"192.168.0.113"**;  
 **play** = **true**;  
  
 }  
  
  
 @Override  
 **protected** Object doInBackground(Object[] objects) {  
  
 **try** {  
 **socket** = **new** Socket(**ip**, **port**);  
 sendMessage(**"android"**);  
 }  
 **catch** (IOException e)  
 {  
 e.printStackTrace();  
 }  
  
 **while** (**play**)  
 {  
 **try** {  
 **reader** = **new** BufferedReader(**new** InputStreamReader(**socket**.getInputStream()));  
 **msgIn** = **reader**.readLine();*//here comes the message from the server and enter to the msgIn* publishProgress();*//call the method onProgressUpdate* }  
 **catch** (IOException e)  
 {  
 e.printStackTrace();  
 }  
 }  
 **return null**;  
 }  
  
 @Override  
 **protected void** onProgressUpdate(Object[] values)  
 {  
 System.***out***.println(**"msgIn="**+**msgIn**);  
 Log.*d*(**"onProgressUpdate"**,**msgIn**);  
 **try** {  
 **mainActivity**.showMessage(**msgIn**);  
 }  
 **catch**(Exception e)  
 {  
 e.printStackTrace();  
 }  
 }  
  
 **public void** sendMessage(String str) **throws** IOException  
 {  
 **writer** = **new** BufferedWriter(**new** OutputStreamWriter(**socket**.getOutputStream()));  
 **try** {  
 **writer**.write(str + **"\n"**);  
 **writer**.flush();  
 }  
 **catch** (IOException e)  
 {  
 *//* ***TODO Auto-generated catch block*** e.printStackTrace();  
 }  
 }  
  
  
}

<**uses-permission android:name="android.permission.INTERNET"**/> *<!-- hagdarot shel haaplication-->*<**uses-permission android:name="android.permission.ACCESS\_NETWORK\_STATE"** />*<!-- we choose hagdarot shel tikshoret-->*<**uses-permission android:name="android.permission.ACCESS\_WIFI\_STATE"** />