**Simple Gridview**

**MainActivity.java**

package com.example.gridalfa;  
  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.Menu;  
import android.view.View;  
import android.widget.Adapter;  
import android.widget.AdapterView;  
import android.widget.AdapterView.OnItemClickListener;  
import android.widget.ArrayAdapter;  
import android.widget.GridView;  
import android.widget.TextView;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
 static final String[] *letters* = new String[]{  
  
 "A", "B", "C", "D", "E",  
 "F", "G", "H", "I", "J",  
 "K", "L", "M", "N", "O",  
 "P", "Q", "R", "S", "T",  
 "U", "V", "W", "X", "Y", "Z"};  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 GridView grid = (GridView) findViewById(R.id.*gridview*);  
 ArrayAdapter adapter = new ArrayAdapter(this, android.R.layout.*simple\_list\_item\_1*, *letters*);  
 grid.setAdapter(adapter);  
 grid.setOnItemClickListener(new OnItemClickListener() {  
 public void onItemClick(AdapterView parent, View v, int position, long id) {  
 Toast.*makeText*(getApplicationContext(),  
 ((TextView) v).getText(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
}

**activity\_main.xml**

<GridView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:id="@+id/gridview"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="fill\_parent"  
 android:columnWidth="90dp"  
 android:numColumns="auto\_fit"  
 android:verticalSpacing="10dp"  
 android:horizontalSpacing="10dp"  
 android:stretchMode="columnWidth"  
 android:gravity="center"  
 />