XML

*<?*xml version="1.0" encoding="utf-8"*?>*

<GridView xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:id="@+id/gridview"

android:numColumns="auto\_fit"

android:columnWidth="90dp"

android:verticalSpacing="6dp"

android:horizontalSpacing="6dp"

android:stretchMode="columnWidth"

android:gravity="center"

tools:context=".MainActivity">

</GridView>

Java

package com.example.gridview;

import androidx.appcompat.app.AlertDialog;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.AdapterView;

import android.widget.GridView;

public class MainActivity extends AppCompatActivity {

GridView gv;

String[] gridViewString={

"pic1","pic2","pic3","pic4","pic5","pic6","pic7"};

public int

imgarray[]={R.drawable.*a*,R.drawable.*b*,R.drawable.*c*,R.drawable.*d*,R.drawable.*e*,R.drawable.*f*,R.drawable.*g*};

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

imageadapter imageAdapter=new imageadapter(this,R.layout.*lview*,gridViewString,imgarray);

gv=findViewById(R.id.*gridview*);

gv.setAdapter(imageAdapter);

gv.setOnItemClickListener(new AdapterView.OnItemClickListener() {

@Override

public void onItemClick(AdapterView<?> parent, View view, int position, long id) {

AlertDialog.Builder bldr;

bldr=new AlertDialog.Builder(MainActivity.this);

bldr.setTitle("Title");

AlertDialog alrt=bldr.create();

alrt.setMessage(gridViewString[position]);

alrt.show();

}

});

}

}

Lview

*<?*xml version="1.0" encoding="utf-8"*?>*

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:orientation="vertical"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<ImageView

android:id="@+id/imgv1"

android:layout\_width="90dp"

android:layout\_height="90dp"

android:scaleType="fitXY"

android:layout\_marginTop="15dp"

/>

<TextView

android:id="@+id/tv1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:textSize="20sp"

android:textColor="#9C27B0"

android:textStyle="italic|bold"

android:layout\_marginTop="10dp"

/>

</LinearLayout>

ImageAdapter

package com.example.gridview;

import android.content.Context;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.ArrayAdapter;

import android.widget.ImageView;

import android.widget.TextView;

import androidx.annotation.NonNull;

import androidx.annotation.Nullable;

public class imageadapter extends ArrayAdapter {

private Context mContext;

private String gvstring[];

private int imgarray[];

LayoutInflater inflator=null;

public imageadapter(@NonNull Context c, int resource,String s[],int x[]) {

super(c, resource);

mContext=c;

gvstring=s;

imgarray=x;

inflator=LayoutInflater.*from*(c);

}

public int getCount() {

return imgarray.length;

}

@Nullable

@Override

public Object getItem(int position) {

return 0;

}

public View getView(int position, View convertView, ViewGroup parent){

if (convertView==null)

convertView = inflator.inflate(R.layout.*lview*, null);

TextView country = (TextView) convertView.findViewById(R.id.*tv1*);

ImageView icon = (ImageView) convertView.findViewById(R.id.*imgv1*);

icon.setImageResource(imgarray[position]);

country.setText(gvstring[position]);

return convertView;

}

}

