Activity main.xml

<?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:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

tools:context=".MainActivity">

<GridView

android:id="@+id/grid"

android:numColumns="auto\_fit"

android:stretchMode="columnWidth"

android:layout\_width="409dp"

android:layout\_height="729dp" />

</LinearLayout>

ActivityMain.java

package com.example.gridviewarrayadap;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.AdapterView;

import android.widget.ArrayAdapter;

import android.widget.GridView;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

String[] fruits = {"apple", "mango", "cherry", "lemon"};

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

GridView g = findViewById(R.id.grid);

ArrayAdapter<String> arrayAdapter = new ArrayAdapter<>(this, android.R.layout.simple\_list\_item\_1, fruits);

g.setAdapter(arrayAdapter);

g.setOnItemClickListener(new AdapterView.OnItemClickListener() {

@Override

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

String selectedFruit = fruits[position];

Toast.makeText(MainActivity.this, "You've clicked " + selectedFruit, Toast.LENGTH\_SHORT).show();

}

});

}

}

