Activity main

*<?*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/simpleGridView"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:footerDividersEnabled="false"  
 android:padding="1dp"  
 android:numColumns="3" />  
  
</LinearLayout>

MainActivity

package com.example.gridviewexample;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.GridView;  
import android.widget.ListAdapter;  
  
public class MainActivity extends AppCompatActivity {  
 GridView simpleGrid;  
 int logos[] = {R.drawable.*logo1*, R.drawable.*logo2*, R.drawable.*logo3*, R.drawable.*logo4*,  
 R.drawable.*logo5*, R.drawable.*logo6*};  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 simpleGrid = (GridView) findViewById(R.id.*simpleGridView*); *// init GridView  
 // Create an object of CustomAdapter and set Adapter to GirdView* CustomAdapter customAdapter = new CustomAdapter(getApplicationContext(),logos);  
 simpleGrid.setAdapter((ListAdapter) customAdapter);  
 *// implement setOnItemClickListener event on GridView* simpleGrid.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 @Override  
 public void onItemClick(AdapterView<?> parent, View view, int position, long id) {  
  
  
 *// set an Intent to Another Activity* Intent intent = new Intent(MainActivity.this, SecondActivity.class);  
 intent.putExtra("image", logos[ position]); *// put image data in Intent* startActivity(intent); *// start Intent* }  
 });  
 }  
}

activity\_second.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout 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"  
 tools:context=".SecondActivity">  
 <ImageView  
 android:id="@+id/selectedImage"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:scaleType="fitXY" />  
</RelativeLayout>

SecondActivity.java

package com.example.gridviewexample;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.widget.ImageView;  
  
public class SecondActivity extends AppCompatActivity {  
 ImageView selectedImage;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_second*);  
  
 setContentView(R.layout.*activity\_second*);  
 selectedImage = (ImageView) findViewById(R.id.*selectedImage*); *// init a ImageView* Intent intent = getIntent(); *// get Intent which we set from Previous Activity* selectedImage.setImageResource(intent.getIntExtra("image", 0));  
 }  
}

CustomAdapter.java

package com.example.gridviewexample;  
  
 import android.content.Context;  
 import android.view.LayoutInflater;  
 import android.view.View;  
 import android.view.ViewGroup;  
 import android.widget.BaseAdapter;  
 import android.widget.ImageView;  
public class CustomAdapter extends BaseAdapter {  
 Context context;  
 int logos[];  
 LayoutInflater inflter;  
 public CustomAdapter(Context applicationContext, int[] logos) {  
 this.context = applicationContext;  
 this.logos = logos;  
 inflter = (LayoutInflater.*from*(applicationContext));  
 }  
 @Override  
 public int getCount() {  
 return logos.length;  
 }  
 @Override  
 public Object getItem(int i) {  
 return null;  
 }  
 @Override  
 public long getItemId(int i) {  
 return 0;  
 }  
 @Override  
 public View getView(int i, View view, ViewGroup viewGroup) {  
 view = inflter.inflate(R.layout.*activity\_gridview*, null); *// inflate the layout* ImageView icon = (ImageView) view.findViewById(R.id.*icon*); *// get the reference of ImageView* icon.setImageResource(logos[i]); *// set logo images* return view;  
 }  
}

activity\_gridview.xml

package com.example.gridviewexample;  
  
 import android.content.Context;  
 import android.view.LayoutInflater;  
 import android.view.View;  
 import android.view.ViewGroup;  
 import android.widget.BaseAdapter;  
 import android.widget.ImageView;  
public class CustomAdapter extends BaseAdapter {  
 Context context;  
 int logos[];  
 LayoutInflater inflter;  
 public CustomAdapter(Context applicationContext, int[] logos) {  
 this.context = applicationContext;  
 this.logos = logos;  
 inflter = (LayoutInflater.*from*(applicationContext));  
 }  
 @Override  
 public int getCount() {  
 return logos.length;  
 }  
 @Override  
 public Object getItem(int i) {  
 return null;  
 }  
 @Override  
 public long getItemId(int i) {  
 return 0;  
 }  
 @Override  
 public View getView(int i, View view, ViewGroup viewGroup) {  
 view = inflter.inflate(R.layout.*activity\_gridview*, null); *// inflate the layout* ImageView icon = (ImageView) view.findViewById(R.id.*icon*); *// get the reference of ImageView* icon.setImageResource(logos[i]); *// set logo images* return view;  
 }  
}

activity\_gridview.java

package com.example.gridviewexample;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
public class activity\_gridview extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_gridview*);  
 }  
}