**JAVA CODE:**

**MAINACTIVITY.JAVA**

import android.content.Intent;  
import android.os.Bundle;  
import android.view.Menu;  
import android.view.MenuInflater;  
import android.view.MenuItem;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 }  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
 MenuInflater inflater = getMenuInflater();  
 inflater.inflate(R.menu.*option\_menu*, menu);  
 return true;  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
 switch (item.getItemId()) {  
 case R.id.*i3*:  
 Intent i1 = new Intent(getApplicationContext(), MainActivity2.class);  
 startActivity(i1);  
 default:  
 return super.onOptionsItemSelected(item);  
 }  
 }  
}

**MAINACTIVITY2.JAVA**

package com.example.exam\_336;  
  
 import androidx.appcompat.app.AlertDialog;  
 import androidx.appcompat.app.AppCompatActivity;  
  
 import android.content.DialogInterface;  
 import android.content.Intent;  
 import android.os.Bundle;  
 import android.view.Menu;  
 import android.view.MenuInflater;  
 import android.view.MenuItem;  
 import android.view.View;  
 import android.widget.AdapterView;  
 import android.widget.GridView;  
  
public class MainActivity2 extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main2*);  
 GridView gv = (GridView) findViewById(R.id.*grid*);  
 gv.setAdapter(new imageadapterr(this));  
 AlertDialog.Builder builder = new AlertDialog.Builder(this);  
  
 gv.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 public void onItemClick(AdapterView<?> parent, View v, int position, long id) {  
  
 builder.setMessage("Do you want to delete this image")  
 .setCancelable(false)  
 .setPositiveButton("Ok", new DialogInterface.OnClickListener() {  
 public void onClick(DialogInterface dialog, int id) {  
 }  
 });  
  
 AlertDialog alert = builder.create();  
  
 alert.setTitle("Info Alert");  
 alert.show();  
 }  
  
  
 });  
 }  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
 MenuInflater inflater = getMenuInflater();  
 inflater.inflate(R.menu.*option\_menu*, menu);  
 return true;  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
 switch (item.getItemId()) {  
 case R.id.*i3*:  
 Intent i1 = new Intent(getApplicationContext(), MainActivity2.class);  
 startActivity(i1);  
 default:  
 return super.onOptionsItemSelected(item);  
 }  
 }  
}

**IMAGEADAPTER.JAVA**

package com.example.exam\_336;  
import android.content.Context;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.BaseAdapter;  
import android.widget.GridView;  
import android.widget.ImageView;  
  
  
public class imageadapterr extends BaseAdapter {  
 private Context mContext;  
 public imageadapterr(Context c) {  
 mContext = c;  
 }  
 public int getCount() {  
 return thumbImages.length;  
 }  
 public Object getItem(int position) {  
 return null;  
 }  
 public long getItemId(int position) {  
 return 0;  
 }  
 public View getView(int position, View convertView, ViewGroup parent) {  
 ImageView imageView = new ImageView(mContext);  
 imageView.setLayoutParams(new GridView.LayoutParams(200, 200));  
 imageView.setScaleType(ImageView.ScaleType.*CENTER\_CROP*);  
 imageView.setPadding(8, 8, 8, 8);  
 imageView.setImageResource(thumbImages[position]);  
 return imageView;  
 }  
  
 public Integer[] thumbImages = {  
// image name  
 R.drawable.*f1*,  
 R.drawable.*f2*,  
 R.drawable.*f1*,  
 R.drawable.*f2*,  
 R.drawable.*f1*,  
 R.drawable.*f2* };  
}

**XML CODE:**

**ACTIVITY\_MAIN.XML**

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout 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:background="#A0E9F3"  
 tools:context=".MainActivity" />

**ACTIVITY\_MAIN2.XML**

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout 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:background="#EDEBDA"  
 tools:context=".MainActivity2">  
  
 <GridView  
 android:id="@+id/grid"  
 android:layout\_width="366dp"  
 android:layout\_height="487dp"  
 android:numColumns="3"  
 android:padding="5dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.088"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**OPTION\_MENU.XML:**

<?xml version="1.0" encoding="utf-8"?>  
<menu xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:android="http://schemas.android.com/apk/res/android">  
  
 <item  
 android:id="@+id/i1"  
 android:title="Setting" />  
 <item  
 android:id="@+id/i2"  
 android:title="Share"  
 app:showAsAction="always"  
 android:icon="@drawable/ic\_baseline\_share\_24"/>  
 <item  
 android:id="@+id/i3"  
 android:title="Gallery" />  
 <item  
 android:id="@+id/i4"  
 android:title="Contact" />  
</menu>