# Program 9. Demonstrate ImageView and GridView

# Mainactivity.java

```
package com.example.imagegridview;
position, long id) {
                Intent intent = new Intent(MainActivity.this,
```

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">
        <!--
        GridView with 3 value for numColumns attribute
        -->
        <GridView
            android:id="@+id/simpleGridView"
                android:layout_width="fill_parent"
                 android:layout_height="wrap_content"
                 android:footerDividersEnabled="false"
                  android:padding="ldp"
                  android:numColumns="3" />
</LinearLayout>
```

### activity gridview.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:padding="ldp"
    android:orientation="vertical">
    <ImageView
        android:id="@+id/icon"
        android:layout_width="match_parent"
        android:layout_height="120dp"
        android:scaleType="fitXY"
        android:layout_gravity="center_horizontal"
        android:src="@drawable/logo1" />
</LinearLayout>
```

## ImageAdapter.java

```
package com.example.imagegridview;

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 ImageAdapter extends BaseAdapter {
    Context context;
    int logos[];
```

### SecondActivity.java

```
import android.content.Intent;
import android.os.Bundle;
//import android.support.v7.app.AppCompatActivity;
import android.widget.ImageView;
import android.widget.ImageView;
import androidx.appcompat.app.AppCompatActivity;

public class SecondActivity extends AppCompatActivity {
    ImageView selectedImage;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        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)); //
get image from Intent and set it in ImageView
    }
}
```

## activity second.xml

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"

    android:background="#fff"
    tools:context="com.example.imagegridview.SecondActivity">
    <ImageView
        android:id="@+id/selectedImage"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_centerInParent="true"
        android:scaleType="fitXY" />
</RelativeLayout>
```

# OUTPUT:



