PROGRAM NO :14

Aim:Write a program to develop an application that uses GridView with images and display Alert box on selection.

Program

activity_main.xml

```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:gravity="center"
    android:orientation="vertical"
    tools:context=".MainActivity">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="My Apps"
        android:layout_marginTop="30dp"
        android:textColor="@color/black"
        android:textSize="20sp"
        android:textStyle="bold"/>

    <GridLayout
        android:layout_width="wrap_content"
```

```xml
android:layout_height="wrap_content"

android:layout_marginTop="30dp"

android:columnCount="3"

android:orientation="horizontal"

android:rowCount="3">


<ImageView

    android:id="@+id/wifi_btn"

    android:layout_width="80dp"

    android:layout_height="80dp"

    android:padding="13dp"

    android:src="@drawable/baseline_wifi_24"

    android:textColor="@color/white"/>

<ImageView

    android:id="@+id/bluetooth_btn"

    android:layout_width="80dp"

    android:layout_height="80dp"

    android:layout_marginStart="10dp"

    android:padding="13dp"

    android:src="@drawable/baseline_bluetooth_24"

    android:textColor="@color/white"/>

<ImageView

    android:id="@+id/volume_btn"

    android:layout_width="80dp"

    android:layout_height="80dp"

    android:layout_marginStart="10dp"

    android:padding="13dp"

    android:src="@drawable/baseline_volume_up_24"

    android:textColor="@color/white"/>
```

```
        </GridLayout>
    </LinearLayout>
```

MainActivity.java

```java
package com.example.gridview;

import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;

import android.content.DialogInterface;
import android.os.Bundle;
import android.view.View;
import android.widget.ImageButton;
import android.widget.ImageView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    ImageView wifi_btn,bluetooth_btn,volume_btn;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        wifi_btn=findViewById(R.id.wifi_btn);
        bluetooth_btn=findViewById(R.id.bluetooth_btn);
        volume_btn=findViewById(R.id.volume_btn);
```

```java
wifi_btn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        myAlertBox("Album Option");
    }
});


bluetooth_btn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        myAlertBox("Mail Option");
    }
});


volume_btn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        myAlertBox("Money Option");
    }
});

}


public void myAlertBox(String buttonname) {
    AlertDialog.Builder builder=new AlertDialog.Builder(MainActivity.this);
    builder.setMessage(("Click OK to select option"));
    builder.setTitle("Alert!");
    builder.setCancelable(false);
    builder.setPositiveButton("Yes", new DialogInterface.OnClickListener() {
```

```java
    @Override
    public void onClick(DialogInterface dialogInterface, int i) {
        Toast.makeText(getApplicationContext(),buttonname+"is successfully
selected",Toast.LENGTH_SHORT).show();


    }
});


builder.setNegativeButton("No",(DialogInterface.OnClickListener)(dialog, which)->{
    dialog.cancel();
});


AlertDialog alertDialog= builder.create();
alertDialog.show();
  }
}
```