Java codes

MainActivity;.java

package com.example.myapplication8;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.AdapterView;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

String[] values = {

"Activity 1",

"Activity 2",

"Activity 3",

"Activity 4",

"Activity 5",

"Activity 6",

"Activity 7",

"Activity 8",

};

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

// No need to interact with GridView programmatically

// GridView gridView = findViewById(R.id.grid\_view);

findViewById(R.id.activity\_grid).setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// Sending data to another Activity

Intent intent = new Intent(MainActivity.this, MainActivity2.class);

intent.putExtra("activity\_number", values[0]); // You can change the index here

startActivity(intent);

}

});

}

}

MainActivity2.java

package com.example.myapplication8;

import android.os.Bundle;

import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity2 extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main2);

TextView textView = findViewById(R.id.textView);

Bundle bundle = getIntent().getExtras();

if (bundle != null) {

String activityNumber = bundle.getString("activity\_number");

textView.setText(activityNumber);

}

}

}

Xmlcodes

Mainactivity.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=".MainActivity">

<androidx.gridlayout.widget.GridLayout

android:id="@+id/activity\_grid"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<Button

android:id="@+id/button"

android:layout\_width="190dp"

android:layout\_height="184dp"

android:text="Button"

app:layout\_column="0"

app:layout\_row="0" />

<Button

android:id="@+id/button2"

android:layout\_width="192dp"

android:layout\_height="176dp"

android:text="Button"

app:layout\_column="0"

app:layout\_row="1" />

<Button

android:id="@+id/button3"

android:layout\_width="192dp"

android:layout\_height="166dp"

android:text="Button"

app:layout\_column="0"

app:layout\_row="2" />

<Button

android:id="@+id/button4"

android:layout\_width="190dp"

android:layout\_height="200dp"

android:text="Button"

app:layout\_column="0"

app:layout\_row="3" />

<Button

android:id="@+id/button5"

android:layout\_width="218dp"

android:layout\_height="181dp"

android:text="Button"

app:layout\_column="1"

app:layout\_row="0" />

<Button

android:id="@+id/button6"

android:layout\_width="218dp"

android:layout\_height="174dp"

android:text="Button"

app:layout\_column="1"

app:layout\_row="1" />

<Button

android:id="@+id/button7"

android:layout\_width="215dp"

android:layout\_height="166dp"

android:text="Button"

app:layout\_column="1"

app:layout\_row="2" />

<Button

android:id="@+id/button8"

android:layout\_width="220dp"

android:layout\_height="196dp"

android:text="Button"

app:layout\_column="1"

app:layout\_row="3" />

</androidx.gridlayout.widget.GridLayout>

</RelativeLayout>

Mainactivity2.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"

tools:context=".MainActivity2">

<androidx.gridlayout.widget.GridLayout

android:layout\_width="409dp"

android:layout\_height="729dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="1.0"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="1.0">

<TextView

android:id="@+id/textView"

android:layout\_width="205dp"

android:layout\_height="194dp"

android:text="TextView"

android:textSize="20dp"

app:layout\_column="0"

app:layout\_row="0" />

<TextView

android:id="@+id/textView3"

android:layout\_width="206dp"

android:layout\_height="180dp"

android:text="TextView"

android:textSize="20dp"

app:layout\_column="0"

app:layout\_row="1" />

<TextView

android:id="@+id/textView4"

android:layout\_width="206dp"

android:layout\_height="175dp"

android:text="TextView"

android:textSize="20dp"

app:layout\_column="0"

app:layout\_row="2" />

<TextView

android:id="@+id/textView5"

android:layout\_width="206dp"

android:layout\_height="184dp"

android:text="TextView"

android:textSize="20dp"

app:layout\_column="0"

app:layout\_row="3" />

<TextView

android:id="@+id/textView6"

android:layout\_width="200dp"

android:layout\_height="195dp"

android:text="TextView"

android:textSize="20dp"

app:layout\_column="1"

app:layout\_row="0" />

<TextView

android:id="@+id/textView7"

android:layout\_width="205dp"

android:layout\_height="179dp"

android:text="TextView"

android:textSize="20dp"

app:layout\_column="1"

app:layout\_row="1" />

<TextView

android:id="@+id/textView8"

android:layout\_width="203dp"

android:layout\_height="171dp"

android:text="TextView"

android:textSize="20dp"

app:layout\_column="1"

app:layout\_row="2" />

<TextView

android:id="@+id/textView9"

android:layout\_width="203dp"

android:layout\_height="178dp"

android:text="TextView"

android:textSize="20dp"

app:layout\_column="1"

app:layout\_row="3" />

</androidx.gridlayout.widget.GridLayout>

</androidx.constraintlayout.widget.ConstraintLayout>