## Activity\_main.xml

```
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:id="@+id/main"
   android:layout_width="match_parent"
   android:layout_height="match_parent"
   tools:context=".MainActivity">
       android:id="@+id/startCalculatorButton"
       android:layout width="0dp"
       android:layout height="wrap content"
       android:text="Start Calculator"
       app:layout constraintEnd toEndOf="parent"
       app:layout constraintStart toStartOf="parent"
       app:layout constraintTop toTopOf="parent"
       app:layout constraintBottom toTopOf="@+id/startSecondActivityButton"
       android:layout marginTop="16dp"
       android:layout marginStart="16dp"/>
       android:id="@+id/startSecondActivityButton"
       android:layout width="0dp"
       android:layout height="wrap content"
       app:layout constraintEnd toEndOf="parent"
       app:layout constraintStart toStartOf="parent"
       app:layout constraintBottom toBottomOf="parent"
       android:layout marginEnd="16dp"
       android:layout marginStart="16dp"
       android:layout marginBottom="16dp"/>
</androidx.constraintlavout.widget.ConstraintLavout>
```

## mainActivity.kt

```
import android.content.Intent
import android.os.Bundle
import android.widget.Button
import androidx.activity.enableEdgeToEdge
import androidx.appcompat.app.AppCompatActivity
```

```
import androidx.core.view.ViewCompat
class MainActivity : AppCompatActivity() {
   override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity main)
        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) {
            val systemBars =
insets.getInsets(WindowInsetsCompat.Type.systemBars())
            v.setPadding(systemBars.left, systemBars.top, systemBars.right,
            insets
        startCalculatorButton = findViewById(R.id.startCalculatorButton)
findViewById(R.id.startSecondActivityButton)
        startCalculatorButton.setOnClickListener {
            startActivity(intent)
        startSecondActivityButton.setOnClickListener {
            startActivity(intent)
```

## CalculatorActivity.kt

```
package com.example.ap3

import android.os.Bundle
import android.widget.Button
import android.widget.EditText
import android.widget.Spinner
import android.widget.TextView
```

```
import androidx.appcompat.app.AppCompatActivity
class CalculatorActivity : AppCompatActivity() {
   override fun onCreate(savedInstanceState: Bundle?) {
       super.onCreate(savedInstanceState)
       setContentView(R.layout.activity calculator)
       val resultTextView: TextView = findViewById(R.id.resultTextView)
       val number1EditText: EditText = findViewById(R.id.number1EditText)
       val operationSpinner: Spinner = findViewById(R.id.operationSpinner)
       val calculateButton: Button = findViewById(R.id.calculateButton)
       calculateButton.setOnClickListener {
           val number1 = number1EditText.text.toString().toDoubleOrNull() ?:,
           val number2 = number2EditText.text.toString().toDoubleOrNull() ?:
           val operation = operationSpinner.selectedItem.toString()
           val result = when (operation) {
               "+" -> number1 + number2
               "-" -> number1 - number2
           resultTextView.text = result.toString()
```

## second activity.kt

```
import android.os.Bundle
import android.widget.AdapterView
import android.widget.Button
import android.widget.Spinner
import android.widget.Toast
import android.appcompat.app.AppCompatActivity

class SecondActivity: AppCompatActivity() {
    private lateinit var myButton: Button
    private lateinit var mySpinner: Spinner

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_second)

        myButton = findViewById(R.id.myButton)
        mySpinner = findViewById(R.id.mySpinner)
```