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activity_main.xml:

```xml
<?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"
    android:padding="16dp">

    <TextView
        android:id="@+id/resultText"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="end"
        android:padding="24dp"
        android:text="0"
        android:textSize="32sp" />

    <GridLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:columnCount="4"
        android:rowCount="5"
        android:layout_marginTop="16dp">

        <Button android:text="7" android:onClick="onNumberClick" />
        <Button android:text="8" android:onClick="onNumberClick" />
```

```xml
<Button android:text="9" android:onClick="onNumberClick" />

<Button android:text="/" android:onClick="onOperatorClick" />


<Button android:text="4" android:onClick="onNumberClick" />

<Button android:text="5" android:onClick="onNumberClick" />

<Button android:text="6" android:onClick="onNumberClick" />

<Button android:text="*" android:onClick="onOperatorClick" />


<Button android:text="1" android:onClick="onNumberClick" />

<Button android:text="2" android:onClick="onNumberClick" />

<Button android:text="3" android:onClick="onNumberClick" />

<Button android:text="-" android:onClick="onOperatorClick" />


<Button android:text="C" android:onClick="onClearClick" />

<Button android:text="0" android:onClick="onNumberClick" />

<Button android:text="=" android:onClick="onEqualsClick" />

<Button android:text="+" android:onClick="onOperatorClick" />
</GridLayout>
</LinearLayout>
```

MainActivity:

```java
import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;
```

```java
public class MainActivity extends AppCompatActivity {

    private TextView resultText;

    private String currentOperator;

    private double firstNumber, secondNumber;


    @Override
    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);


        resultText = findViewById(R.id.resultText);

        currentOperator = "";

        firstNumber = 0;

        secondNumber = 0;

    }


    public void onNumberClick(View view) {

        Button button = (Button) view;

        String buttonText = button.getText().toString();


        if (resultText.getText().toString().equals("0")) {

            resultText.setText(buttonText);

        } else {

            resultText.append(buttonText);

        }

    }


    public void onOperatorClick(View view) {
```

```java
        Button button = (Button) view;

        currentOperator = button.getText().toString();

        firstNumber = Double.parseDouble(resultText.getText().toString());

        resultText.setText("0");

}


public void onEqualsClick(View view) {

        secondNumber = Double.parseDouble(resultText.getText().toString());


        double result = 0;

        switch (currentOperator) {

            case "+":

                result = firstNumber + secondNumber;

                break;

            case "-":

                result = firstNumber - secondNumber;

                break;

            case "*":

                result = firstNumber * secondNumber;

                break;

            case "/":

                if (secondNumber != 0) {

                    result = firstNumber / secondNumber;

                } else {

                    resultText.setText("Error");

                    return;

                }

                break;

        }
```

```java
        resultText.setText(String.valueOf(result));

    }


    public void onClearClick(View view) {

        resultText.setText("0");

        firstNumber = 0;

        secondNumber = 0;

        currentOperator = "";

    }

}
```