**CALCULATOR 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:id="@+id/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/solution\_tv"  
 android:textSize="32dp"  
 android:textAlignment="textEnd"  
 android:textColor="@color/black"  
 android:layout\_above="@+id/result\_tv"  
 android:layout\_margin="16dp"  
  
  
  
 />  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/result\_tv"  
 android:text="0"  
 android:textSize="64dp"  
 android:textAlignment="textEnd"  
 android:textColor="@color/black"  
 android:layout\_above="@+id/buttons\_layout"  
 android:layout\_margin="16dp"  
  
  
 />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:layout\_alignParentBottom="true"  
 android:background="#F8F3F3"  
 android:paddingVertical="5dp"  
 android:id="@+id/buttons\_layout">  
  
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 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
 <com.google.android.material.button.MaterialButton  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/white"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_c"  
 app:backgroundTint="#F06134"  
 android:textStyle="bold"  
  
 android:text="C"  
 />  
 <com.google.android.material.button.MaterialButton  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/white"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_openbracket"  
 app:backgroundTint="#5E5F61"  
  
 android:text="("  
 />  
 <com.google.android.material.button.MaterialButton  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/white"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_closebracket"  
 app:backgroundTint="#5E5F61"  
  
 android:text=")"  
 />  
 <com.google.android.material.button.MaterialButton  
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 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/white"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_divide"  
 app:backgroundTint="#5E5F61"  
  
 android:text="/"  
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 </LinearLayout>  
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 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
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 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
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 android:textSize="32dp"  
 android:textColor="#161514"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_7"  
 app:backgroundTint="@color/material\_dynamic\_neutral80"  
  
  
 android:text="7"  
 />  
 <com.google.android.material.button.MaterialButton  
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 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/black"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_8"  
 app:backgroundTint="#C5C7C9"  
  
 android:text="8"  
 />  
 <com.google.android.material.button.MaterialButton  
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 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
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 android:textSize="32dp"  
 android:textColor="@color/black"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_9"  
 app:backgroundTint="#C5C7C9"  
  
 android:text="9"  
 />  
 <com.google.android.material.button.MaterialButton  
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 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
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 android:textColor="@color/white"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_multiply"  
 app:backgroundTint="#5E5F61"  
  
 android:text="\*"  
 />  
  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
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 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
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 android:textSize="32dp"  
 android:textColor="#2A2827"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_4"  
 app:backgroundTint="#C5C7C9"  
  
  
 android:text="4"  
 />  
 <com.google.android.material.button.MaterialButton  
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 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/black"  
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 android:text="5"  
 />  
 <com.google.android.material.button.MaterialButton  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/black"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_6"  
 app:backgroundTint="#C5C7C9"  
  
 android:text="6"  
 />  
 <com.google.android.material.button.MaterialButton  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/white"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_plus"  
 app:backgroundTint="#5E5F61"  
  
 android:text="+"  
 />  
  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
 <com.google.android.material.button.MaterialButton  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/black"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_1"  
 app:backgroundTint="#C5C7C9"  
  
  
 android:text="1"  
 />  
 <com.google.android.material.button.MaterialButton  
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 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/black"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_2"  
 app:backgroundTint="#C5C7C9"  
  
 android:text="2"  
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 <com.google.android.material.button.MaterialButton  
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 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/black"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_3"  
 app:backgroundTint="#C5C7C9"  
  
 android:text="3"  
 />  
 <com.google.android.material.button.MaterialButton  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/white"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_minus"  
 app:backgroundTint="#5E5F61"  
  
 android:text="-"  
 />  
  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
 <com.google.android.material.button.MaterialButton  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="21dp"  
 android:textColor="#F4EEEC"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_ac"  
 app:backgroundTint="#F06134"  
 android:textStyle="bold"  
  
  
 android:text="AC"  
 />  
 <com.google.android.material.button.MaterialButton  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/black"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_0"  
 app:backgroundTint="#C5C7C9"  
  
 android:text="0"  
 />  
 <com.google.android.material.button.MaterialButton  
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 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/black"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_dot"  
 app:backgroundTint="#C5C7C9"  
  
 android:text="."  
 />  
 <com.google.android.material.button.MaterialButton  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 app:cornerRadius="36dp"  
 style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
 android:textSize="32dp"  
 android:textColor="@color/white"  
 android:layout\_margin="12dp"  
 android:id="@+id/button\_equalto"  
 app:backgroundTint="#5E5F61"  
  
 android:text="="  
 />  
  
 </LinearLayout>  
  
  
 </LinearLayout>  
  
  
</RelativeLayout>