**Calculator App**

**<!— main\_activity.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:id="@+id/solution\_tv"

android:layout\_width="match\_parent"

android:layout\_height="60sp"

android:layout\_above="@+id/result\_tv"

android:layout\_margin="16dp"

android:layout\_marginTop="16dp"

android:layout\_marginBottom="1dp"

android:textAlignment="textEnd"

android:paddingBottom="20dp"

android:textColor="@color/white"

android:textSize="32dp" />

<TextView

android:id="@+id/result\_tv"

android:layout\_width="match\_parent"

android:layout\_height="60dp"

android:layout\_above="@+id/buttons\_layout"

android:layout\_margin="16dp"

android:layout\_marginTop="16dp"

android:layout\_marginBottom="1dp"

android:text="0"

android:backgroundTint="#171E86A0"

android:textAlignment="textEnd"

android:textColor="#65AAFB"

android:textSize="54dp"

android:fontFamily="monospace"

android:textCursorDrawable="@null" />

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="vertical"

android:layout\_alignParentBottom="true"

android:paddingVertical="5dp"

android:id="@+id/buttons\_layout">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:gravity="center"

android:orientation="horizontal">

<com.google.android.material.button.MaterialButton

android:id="@+id/button\_c"

style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"

android:layout\_width="72dp"

android:layout\_height="72dp"

android:layout\_margin="12dp"

android:drawableRight="@drawable/outline\_backspace\_24"

app:backgroundTint="@color/design\_default\_color\_background"

app:cornerRadius="36dp"

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="#6AB0F4"

android:layout\_margin="12dp"

android:id="@+id/button\_openbracket"

app:backgroundTint="@color/white"

android:text="("

android:textStyle="bold"

/>

<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="#FF6AB0F4"

android:layout\_margin="12dp"

android:id="@+id/button\_closebracket"

app:backgroundTint="@color/white"

android:text=")"

android:textStyle="bold"

/>

<com.google.android.material.button.MaterialButton

android:id="@+id/button\_divide"

android:layout\_width="72dp"

android:layout\_height="72dp"

android:layout\_margin="12dp"

android:gravity="center"

android:textColor="#FF6AB0F4"

android:textSize="32sp"

app:cornerRadius="36dp"

app:backgroundTint="@color/white"

style="@style/Widget.MaterialComponents.Button.Icon"

android:text="/"

android:drawablePadding="8dp"

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</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\_7"

app:backgroundTint="@color/material\_dynamic\_neutral80"

android:text="7"

/>

<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\_8"

app:backgroundTint="#C5C7C9"

android:text="8"

/>

<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\_9"

app:backgroundTint="#C5C7C9"

android:text="9"

/>

<com.google.android.material.button.MaterialButton

android:layout\_width="72dp"

android:layout\_height="72dp"

app:cornerRadius="40dp"

style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"

android:textSize="32dp"

android:textColor="#FF6AB0F4"

android:layout\_margin="12dp"

android:id="@+id/button\_multiply"

android:text="\*"

android:backgroundTint="@color/white"

/>

</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="32sp"

android:textColor="@color/black"

android:layout\_margin="12dp"

android:id="@+id/button\_4"

app:backgroundTint="#C5C7C9"

android:text="4"

/>

<com.google.android.material.button.MaterialButton

android:layout\_width="72dp"

android:layout\_height="72dp"

app:cornerRadius="36dp"

style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"

android:textSize="32sp"

android:textColor="@color/black"

android:layout\_margin="12dp"

android:id="@+id/button\_5"

app:backgroundTint="#C5C7C9"

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="32sp"

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="40dp"

style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"

android:textSize="32sp"

android:textColor="#FF6AB0F4"

android:layout\_margin="12dp"

android:id="@+id/button\_plus"

app:backgroundTint="@color/white"

android:text="+"

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</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:id="@+id/button\_1"

android:layout\_width="72dp"

android:layout\_height="72dp"

android:layout\_margin="12dp"

android:text="1"

android:textSize="32sp"

android:textColor="@color/black"

app:cornerRadius="36dp"

app:backgroundTint="#C5C7C9"

style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"

android:onClick="onClick"

/>

<com.google.android.material.button.MaterialButton

android:layout\_width="72dp"

android:layout\_height="72dp"

app:cornerRadius="36dp"

style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"

android:textSize="32sp"

android:textColor="@color/black"

android:layout\_margin="12dp"

android:id="@+id/button\_2"

app:backgroundTint="#C5C7C9"

android:text="2"

/>

<com.google.android.material.button.MaterialButton

android:layout\_width="72dp"

android:layout\_height="72dp"

app:cornerRadius="36dp"

style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"

android:textSize="32sp"

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="40dp"

android:textColor="#FF6AB0F4"

android:layout\_margin="12dp"

android:id="@+id/button\_minus"

app:backgroundTint="@color/white"

android:textAlignment="center"

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="@color/white"

android:layout\_margin="12dp"

android:id="@+id/button\_ac"

app:backgroundTint="#65ABFC"

android:text="AC"

android:textStyle="bold"

/>

<com.google.android.material.button.MaterialButton

android:layout\_width="72dp"

android:layout\_height="72dp"

app:cornerRadius="36dp"

style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"

android:textSize="32sp"

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

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\_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="40dp"

android:textColor="#FF6AB0F4"

android:layout\_margin="12dp"

android:id="@+id/button\_equalto"

app:backgroundTint="@color/white"

android:textAlignment="center"

android:text="="

/>

</LinearLayout>

</LinearLayout>

<TextView

android:id="@+id/textView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:textSize="20dp"

android:text="©️Manish" />

</RelativeLayout>