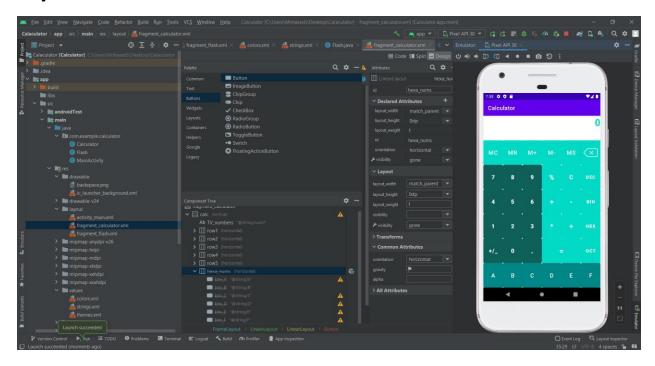
Calculator Project Mahmoud Abdalla Mohasseb 20P2787

Layout Screen:



Main Activity:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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"
    android:orientation="vertical"
    tools:context=".MainActivity">

    </frameLayout
        android:id="@+id/fragment_container"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:weightSum="7">

        </frameLayout>
</LinearLayout>
```

Calculator Fragment:

```
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    android:orientation="vertical"
    <LinearLayout
        android:orientation="vertical">
        <TextView
            android:textAlignment="textEnd"
        <LinearLayout
```

```
android:layout height="match parent"
android:backgroundTint="@color/teal 200"
android:visibility="visible"
```

```
</LinearLayout>
```

```
<LinearLayout
    android:orientation="horizontal">
        android:textSize="20sp"
        android:textStyle="bold" />
        android:text="@string/num9"
```

android: layout height="match parent"

```
</LinearLayout>
<LinearLayout
   android:orientation="horizontal">
        android:textAlignment="center"
        android:textSize="20sp"
```

```
android:backgroundTint="@color/gre"
android:insetTop="0dp"
android:textAlignment="center"
android:textStyle="bold" />
```

```
android:insetBottom="0dp"
<LinearLayout
        android:backgroundTint="@color/gre"
        android:insetBottom="0dp"
        android:textSize="20sp"
        android:insetTop="0dp"
```

```
android:backgroundTint="@color/teal 200"
</LinearLayout>
<LinearLayout
   android:orientation="horizontal">
```

```
android:insetBottom="0dp"
        android:backgroundTint="@color/gre"
        android:insetBottom="0dp"
        android:backgroundTint="@color/teal 200"
</LinearLayout>
<LinearLayout
        android:layout width="0dp"
```

```
android:insetBottom="0dp"
android:backgroundTint="@color/teal 700"
android:insetBottom="0dp"
android:layout width="0dp"
```

Flash Fragment(contains name and welcome message)

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/fragment_container"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#59AEF1"
    tools:context=".Flash">

    <TextView
        android:id="@+id/TV_welcome"
        android:layout_width="match_parent"
        android:layout_marginTop="150dp"
        android:text="@string/welcome"
        android:text="@string/welcome"
        android:text*[@string/welcome"
        android:text*Size="24sp"
        android:textStyle="bold" />

    <TextView
        android:textStyle="bold" />

    <TextView
        android:layout_marginTop="300dp"
        android:layout_marginTop="300dp"
        android:layout_marginTop="300dp"
        android:layout_marginTop="300dp"
        android:text="@string/name"
        android:textAllignment="center"
        android:textAllignment="center"
        android:textAllignment="center"
        android:textAllignment="center"
        android:textSize="24sp"
        android:textStyle="bold" />

    </frameLayout>
```

Strings

```
<string name="welcome">Welcome to Calculator App</string>
   <string name="num0">0</string>
   <string name="num1">1</string>
   <string name="num2">2</string>
   <string name="num8">8</string>
   <string name="num9">9</string>
   <string name="divide">÷</string>
   <string name="mod">%</string>
   <string name="memRemove">MC</string>
(/resources>
```

Colors: