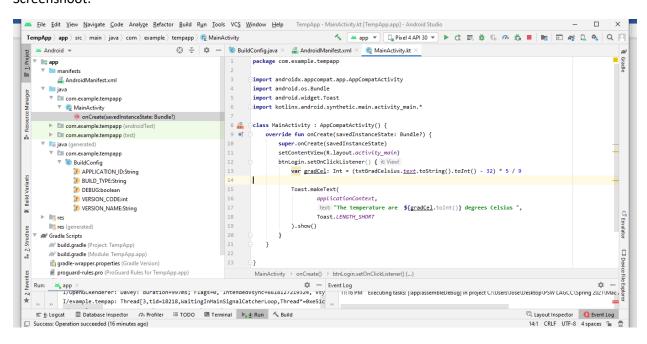
Name: Jose Fuentes

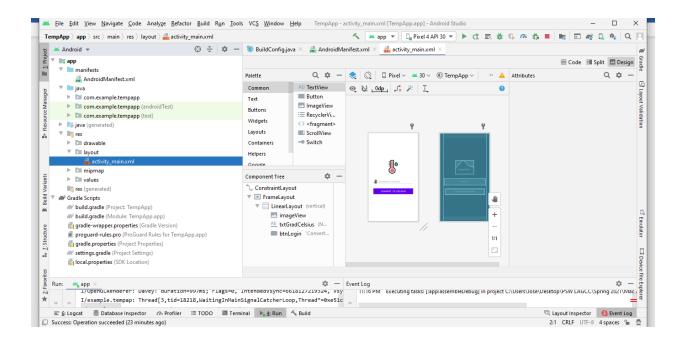
Create app: Temperature converter.

```
MainActivity.kt:
```

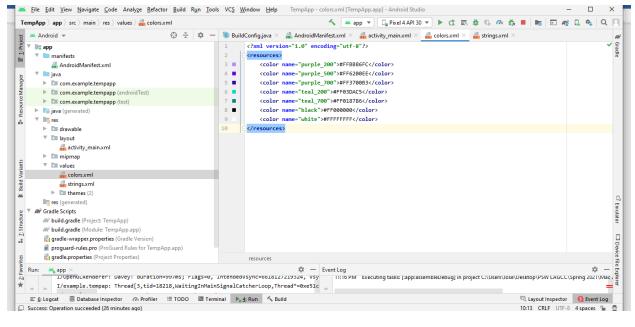
```
package com.example.tempapp
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.widget.Toast
import kotlinx.android.synthetic.main.activity main.*
class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity main)
        btnLogin.setOnClickListener() {
            var gradCel: Int = (txtGradCelsius.text.toString().toInt() - 32) * 5 / 9
            Toast.makeText(
                    applicationContext,
                    "The temperature are ${gradCel.toInt()} degrees Celsius ",
                    Toast.LENGTH SHORT
            ).show()
        }
    }
}
```

Screenshoot:





Colors.xml:

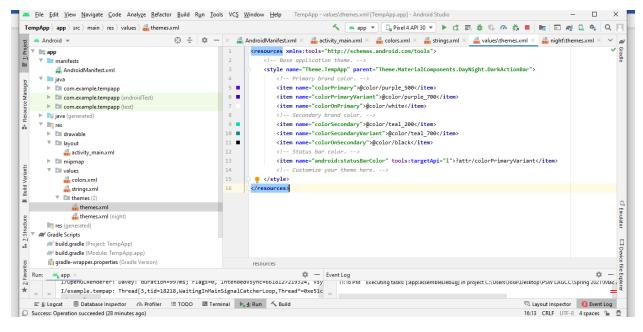


String.xml:

```
<resources>
    <string name="app_name">TempApp</string>
</resources>
```

Values\themes.xml:

```
<resources xmlns:tools="http://schemas.android.com/tools">
    <!-- Base application theme. -->
    <style name="Theme.TempApp"
parent="Theme.MaterialComponents.DayNight.DarkActionBar">
        <!-- Primary brand color. -->
        <item name="colorPrimary">@color/purple_500</item>
        <item name="colorPrimaryVariant">@color/purple_700</item>
        <item name="colorOnPrimary">@color/white</item>
        <!-- Secondary brand color. -->
        <item name="colorSecondary">@color/teal 200</item>
        <item name="colorSecondaryVariant">@color/teal 700</item>
        <item name="colorOnSecondary">@color/black</item>
        <!-- Status bar color. -->
        <item name="android:statusBarColor"</pre>
tools:targetApi="1">?attr/colorPrimaryVariant</item>
        <!-- Customize your theme here. -->
    </style>
</resources>
```



Ic_launcher_background.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<vector xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    android:width="108dp"
    android:height="108dp"
    android:viewportWidth="108"
    android:viewportHeight="108">
    <path
        android:fillColor="#3DDC84"
        android:pathData="M0,0h108v108h-108z" />
    <path
        android:fillColor="#00000000"
        android:pathData="M9,0L9,108"
        android:strokeWidth="0.8"
        android:strokeColor="#33FFFFFF" />
    <path
        android:fillColor="#00000000"
        android:pathData="M19,0L19,108"
        android:strokeWidth="0.8"
        android:strokeColor="#33FFFFFF" />
    <path</pre>
        android:fillColor="#00000000"
        android:pathData="M29,0L29,108"
        android:strokeWidth="0.8"
        android:strokeColor="#33FFFFFF" />
    <path
        android:fillColor="#00000000"
        android:pathData="M39,0L39,108"
        android:strokeWidth="0.8"
        android:strokeColor="#33FFFFFF" />
    <path
        android:fillColor="#00000000"
        android:pathData="M49,0L49,108"
```

```
android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M59,0L59,108"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M69,0L69,108"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M79,0L79,108"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M89,0L89,108"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M99,0L99,108"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,9L108,9"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,19L108,19"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,29L108,29"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,39L108,39"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,49L108,49"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,59L108,59"
```

```
android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,69L108,69"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,79L108,79"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,89L108,89"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,99L108,99"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M19,29L89,29"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M19,39L89,39"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M19,49L89,49"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M19,59L89,59"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M19,69L89,69"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M19,79L89,79"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M29,19L29,89"
```

```
android:strokeWidth="0.8"
           android:strokeColor="#33FFFFFF" />
     <path
           android:fillColor="#00000000"
           android:pathData="M39,19L39,89"
           android:strokeWidth="0.8"
           android:strokeColor="#33FFFFFF" />
     <path
           android:fillColor="#00000000"
           android:pathData="M49,19L49,89"
           android:strokeWidth="0.8"
           android:strokeColor="#33FFFFFF" />
     <path
           android:fillColor="#00000000"
           android:pathData="M59,19L59,89"
           android:strokeWidth="0.8"
           android:strokeColor="#33FFFFFF" />
     <path
           android:fillColor="#00000000"
           android:pathData="M69,19L69,89"
           android:strokeWidth="0.8"
           android:strokeColor="#33FFFFFF" />
     <path
           android:fillColor="#00000000"
           android:pathData="M79,19L79,89"
           android:strokeWidth="0.8"
           android:strokeColor="#33FFFFFF" />
</vector>
   📫 Eile Edit View Navigate Code Analyze Refactor Ruild Run Iools VCS Window Help — TempApp-ic_launcher_background.xml (TempApp.app) - Android Studio
                                                                \textbf{TempApp} \ \rangle \ \textbf{app} \ \rangle \ \text{src} \ \rangle \ \text{main} \ \rangle \ \text{res} \ \rangle \ \text{drawable} \ \rangle \ \frac{1}{60} \ \text{ic\_launcher\_background.xml}
                    😲 🕏 🗘 – 🏭 ic_launcher_background.xml × 🏭 v24\ic_launcher_foreground.xml × 🖺 icon_temp.png × 🗐 thermo.png × 📲 thermoa.png × 👼 nigt 🗸 🙀

▲ Android ▼

                                                                                                          ■ Code ■ Split ■ Design
                                                                                          AndroidManifest.xml
                                                     android:pathData="M49,19L49,89"
     ▼ iava
                                                     android:strokeWidth="0.8"
                                                      android:strokeColor="#33FFFFFF" />

    com.example.tempapp (androidTest)

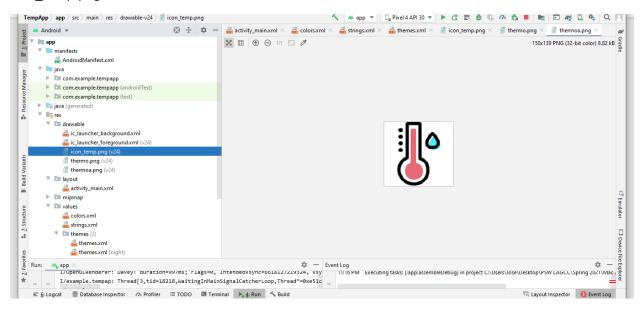
                                                  <path
      com.example.tempapp (test)
                                                    android:pathData="M59,19L59,89"
                                           158
    ▼ N res
                                                     android:strokeWidth="0.8"
      ▼ 🛅 drawable
                                                     android:strokeColor="#33FFFFFF" />
   ic_launcher_background.xml
                                         160
                                                   android:fillColor="#00000000"
android:pathData="M69,19L69,89"
android:strokeWidth="0.8"
          a ic_launcher_foreground.xml (v24)
          icon_temp.png (v24)
                                           163
          thermo.png (v24)
          thermoa.png (v24)
                                           164
                                                     android:strokeColor="#33FFFFFF" />
 E Build
      ▼ 🛅 lavout
                                                  <path
                                                   android:fillColor="#0000
          activity_main.xml
                                                                                                                          Emulator
                                           167
                                                     android:pathData="M79,19L79,89"
                                                     android:strokeWidth="0.8"
       ▼ 🖿 values
                                                     android:strokeColor="#33FFFFFF" />
                                                                                                                      1:1
          🏭 strings.xml
                                           170
                                                </vector>
                                                                                                                          Do
        ▼ themes (2)
            4 themes vml
            themes.xml (night)
  on succeeded (30 minutes ago)
```

Ic_launcher_foreground.xml:

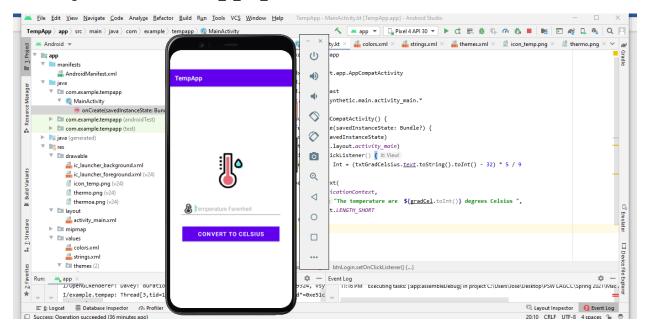
```
<vector xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:aapt="http://schemas.android.com/aapt"
    android:width="108dp"
    android:height="108dp"
    android:viewportWidth="108"</pre>
```

```
android:viewportHeight="108">
    <path android:pathData="M31,63.928c0,0 6.4,-11 12.1,-13.1c7.2,-2.6 26,-1.4 26,-</pre>
1.4138.1,38.1L107,108.9281-32,-1L31,63.928z">
        <aapt:attr name="android:fillColor">
            <gradient</pre>
                android:endX="85.84757"
                android:endY="92.4963"
                android:startX="42.9492"
                android:startY="49.59793"
                android:type="linear">
                <item
                     android:color="#44000000"
                     android:offset="0.0" />
                     android:color="#00000000"
                     android:offset="1.0" />
            </gradient>
        </aapt:attr>
    </path>
    <path
        android:fillColor="#FFFFFF"
        android:fillType="nonZero"
        android:pathData="M65.3,45.82813.8,-6.6c0.2,-0.4 0.1,-0.9 -0.3,-1.1c-0.4,-0.2
-0.9,-0.1 -1.1,0.31-3.9,6.7c-6.3,-2.8 -13.4,-2.8 -19.7,01-3.9,-6.7c-0.2,-0.4 -0.7,-
0.5 -1.1,-0.3C38.8,38.328 38.7,38.828 38.9,39.22813.8,6.6C36.2,49.428 31.7,56.028
31,63.928h46C76.3,56.028 71.8,49.428 65.3,45.828zM43.4,57.328c-0.8,0 -1.5,-0.5 -1.8,-
1.2c-0.3, -0.7 -0.1, -1.5 \ 0.4, -2.1c0.5, -0.5 \ 1.4, -0.7 \ 2.1, -0.4c0.7, 0.3 \ 1.2, 1
1.2,1.8C45.3,56.528 44.5,57.328 43.4,57.328L43.4,57.328zM64.6,57.328c-0.8,0 -1.5,-0.5
-1.8, -1.2s -0.1, -1.5 0.4, -2.1c0.5, -0.5 1.4, -0.7 2.1, -0.4c0.7, 0.3 1.2, 1
1.2,1.8C66.5,56.528 65.6,57.328 64.6,57.328L64.6,57.328z"
        android:strokeWidth="1"
        android:strokeColor="#00000000" />
</vector>
```

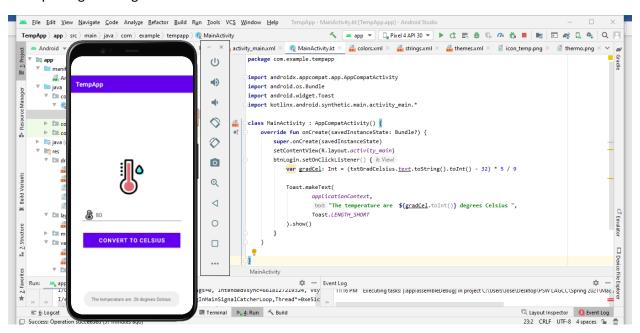
Icon_temp.png:



After using Android Emulator Pixel 4 API 30:5554:



After putting 80 F degrees:



The result appears in the bottom as 26 Celsius degrees.