

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-10(call) - activity_main.xml [day-10(call).app]

day-10(call) > app > src > main > res > layout > activity_main.xml

activity_main.xml MainActivity.java AndroidManifest.xml

Pixel 4a API 30

1 Project Resource Manager Favorites Build Variants

```
<?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">
    <EditText
        android:id="@+id/etPhone"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="number"
        android:hint="Enter Mobile Number"/>
    <Button
        android:id="@+id/btnCall"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:text="Call"/>
</LinearLayout>
```

Palette Attributes Component Tree

Code Split Design

Gradle Layout Validation Emulator Device File Explorer

11:00 day-10(call)

Enter Mobile Number

CALL

Event Log Layout Inspector

8:35 CRLF UTF-8 4 spaces

12:39 PM 10-Jun-21

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Launch succeeded (5 minutes ago)

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File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-10(call) - AndroidManifest.xml [day-10(call).app]

day-10(call) > app > src > main > AndroidManifest.xml

activity_main.xml x MainActivity.java x AndroidManifest.xml x

Pixel 4a API 30 ▾

1 Project Resource Manager Favorites Build Variants

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.techerrors.day_10call">

    <uses-permission android:name="android.permission.CALL_PHONE" />
    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="day-10(call)"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.Day10call">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

manifest > application > activity > intent-filter

Text Merged Manifest

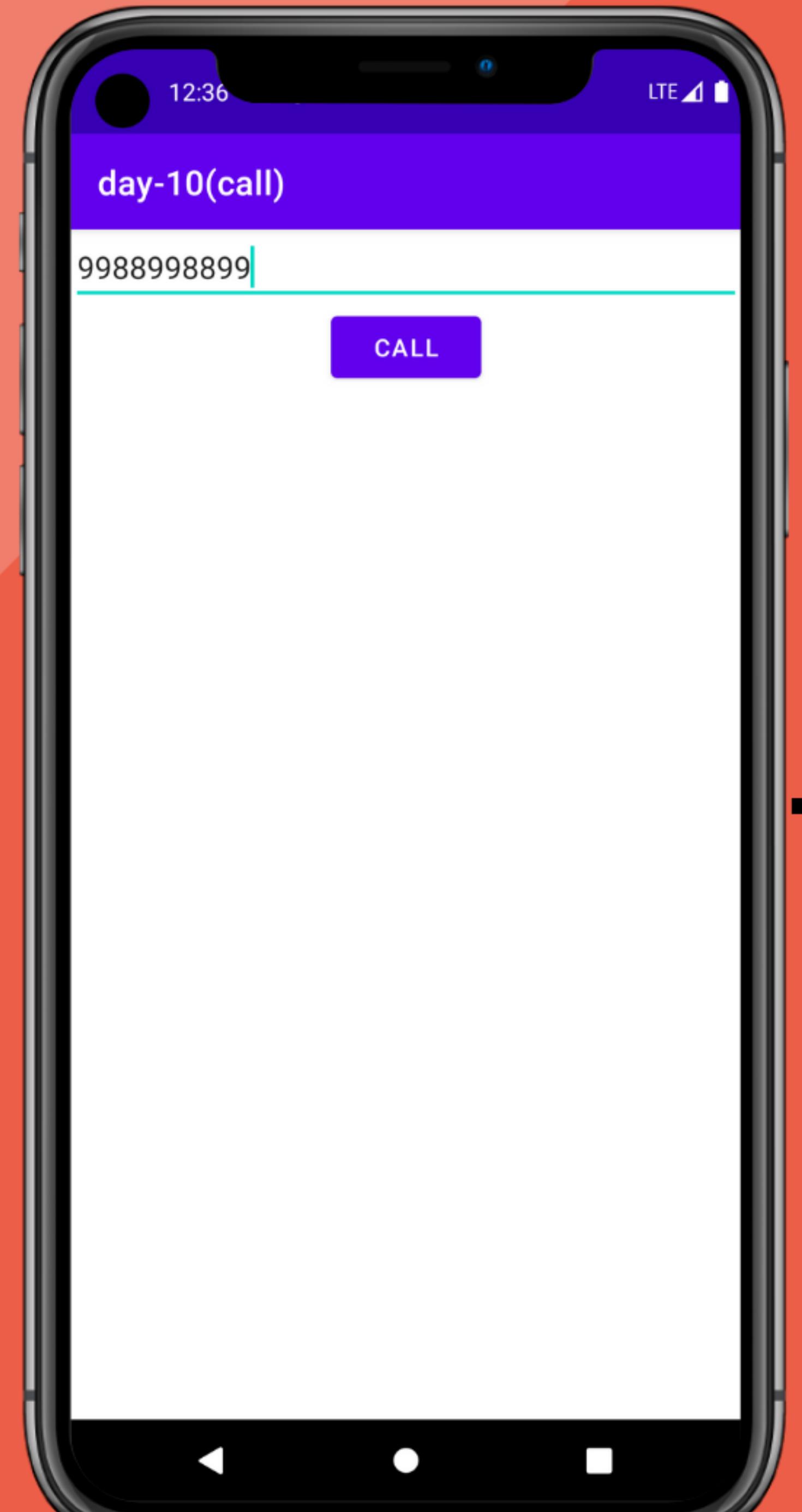
TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Event Log Layout Inspector

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Type here to search

12:37 PM 10-Jun-21



File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-10(SMS) - activity_main.xml [day-10(SMS).app]

day-10(SMS) > app > src > main > res > layout > activity_main.xml

activity_main.xml MainActivity.java AndroidManifest.xml

OPPO CPH1725

Code Split Design

Resource Manager

1: Project

6 ^ v

Palette Attributes Layout Validation

11:00 day-10(SMS)

Enter Mobile Number

Enter Message

SEND

Component Tree

Emulator

Device File Explorer

1: Structure

2: Favorites

Build Variants

LinearLayout > EditText

1 <?xml version="1.0" encoding="utf-8"?>

2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

3 xmlns:app="http://schemas.android.com/apk/res-auto"

4 xmlns:tools="http://schemas.android.com/tools"

5 android:layout_width="match_parent"

6 android:layout_height="match_parent"

7 android:orientation="vertical"

8 tools:context=".MainActivity">

9 <EditText

10 android:id="@+id/etMobile"

11 android:layout_width="match_parent"

12 android:layout_height="wrap_content"

13 android:inputType="number"

14 android:hint="Enter Mobile Number"/>

16 <EditText

17 android:id="@+id/etMsg"

18 android:layout_width="match_parent"

19 android:layout_height="wrap_content"

20 android:hint="Enter Message"

21 android:inputType="textMultiLine"/>

22 <Button

23 android:id="@+id/btnSend"

24 android:layout_width="wrap_content"

25 android:layout_height="wrap_content"

26 android:layout_gravity="center"

27 android:layout_marginTop="50dp"

28 android:text="Send"/>

29 </LinearLayout>

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Event Log Layout Inspector

Launch succeeded (3 minutes ago)

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3:25 PM 10-Jun-21

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-10(SMS) - MainActivity.java [day-10(SMS).app]

day-10(SMS) > app > src > main > java > com > techerrors > day_10sms > MainActivity > onCreate > Lambda

activity_main.xml > MainActivity.java > AndroidManifest.xml

OPPO CPH1725

Resource Manager

```
1 package com.techerrors.day_10sms;
2
3 import ...
4
5
6 public class MainActivity extends AppCompatActivity {
7     EditText etMobile, etMsg;
8     Button btnSend;
9
10
11    @Override
12    protected void onCreate(Bundle savedInstanceState) {
13        super.onCreate(savedInstanceState);
14        setContentView(R.layout.activity_main);
15        etMobile = findViewById(R.id.etMobile);
16        etMsg = findViewById(R.id.etMsg);
17        btnSend = findViewById(R.id.btnSend);
18
19
20        btnSend.setOnClickListener((View v) -> {
21            String no = etMobile.getText().toString();
22            String msg = etMsg.getText().toString();
23            //Create SmsManager instance and call the sendTextMessage method to send the message
24            SmsManager sms = SmsManager.getDefault();
25            sms.sendTextMessage(no,null,msg,null,null);
26            Toast.makeText(getApplicationContext(),"Message sent Successfully",Toast.LENGTH_LONG).show();
27        });
28    }
29
30
31 }
```

Favorites

Build Variants

Emulator

Device File Explorer

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Event Log Layout Inspector

Launch succeeded (3 minutes ago)

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30:106 CRLF UTF-8 4 spaces

3:25 PM 10-Jun-21

day-10(SMS) > app > src > main > AndroidManifest.xml

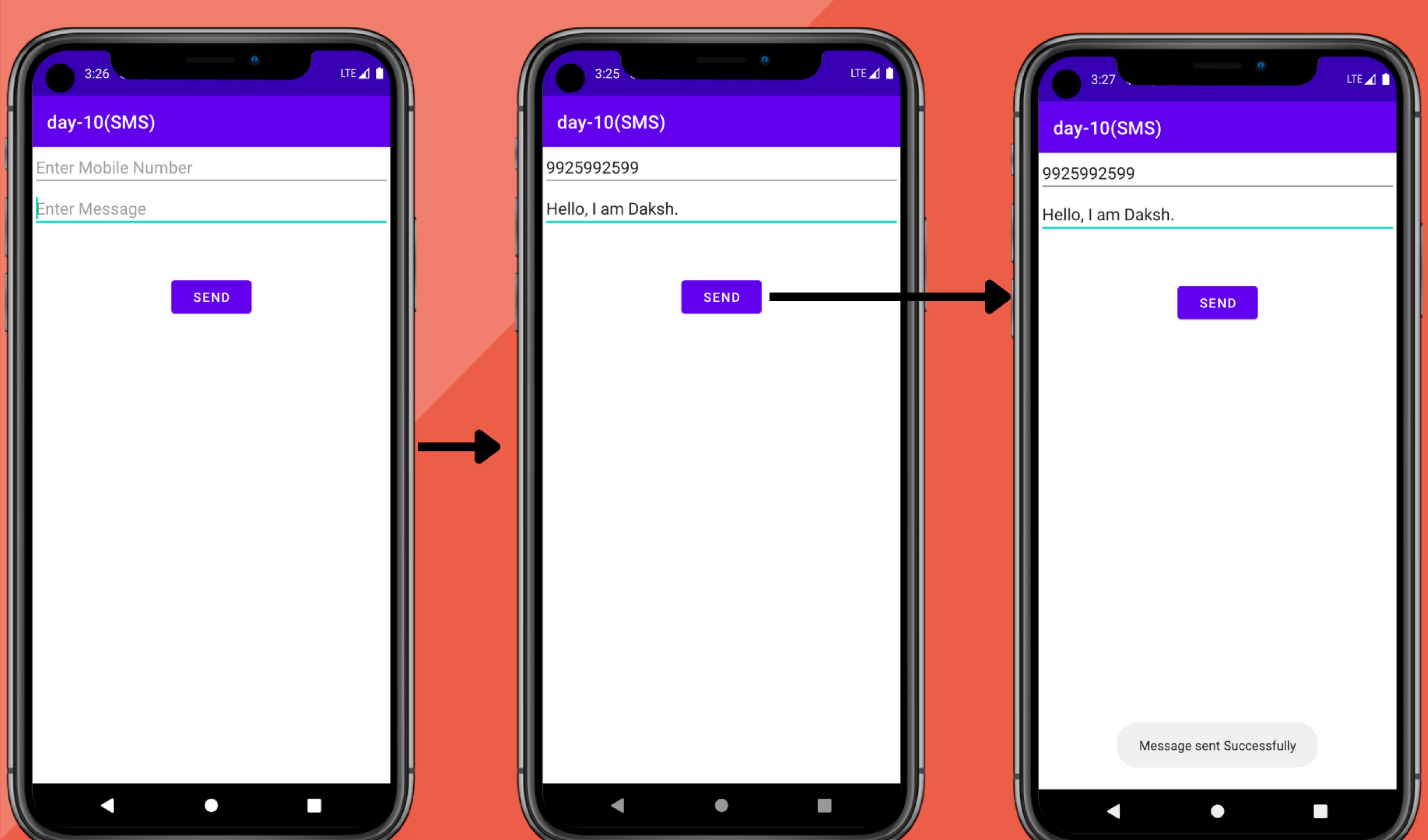
Event Log Layout Inspector

 Launch succeeded (3 minutes ago)

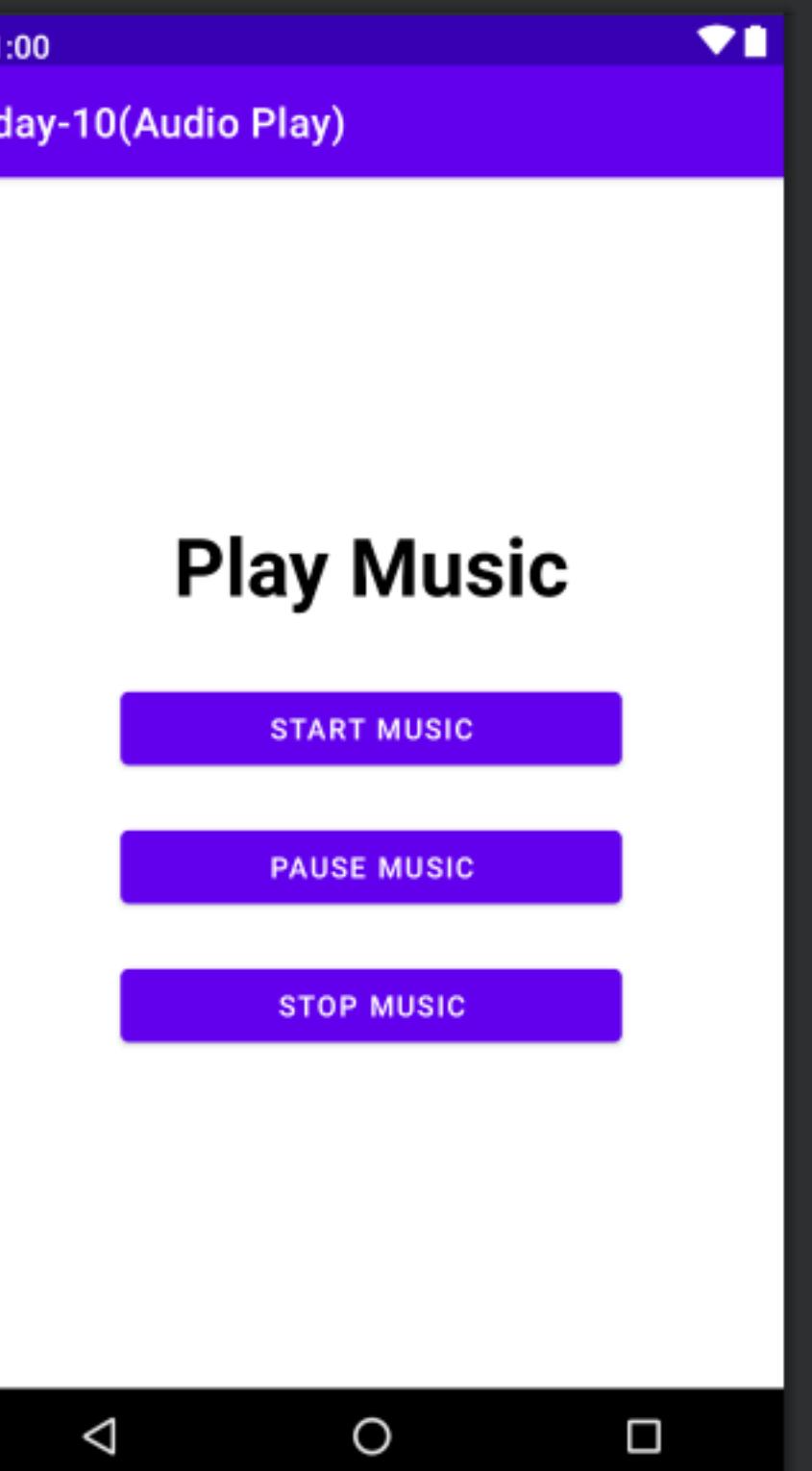
Type here to search



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10-Jun-21



```
1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:orientation="vertical"
8     android:gravity="center"
9     tools:context=".MainActivity">
10    <TextView
11        android:id="@+id/textView"
12        android:layout_width="match_parent"
13        android:layout_height="wrap_content"
14        android:gravity="center"
15        android:text="Play Music"
16        android:textSize="40sp"
17        android:textColor="@color/black"
18        android:textStyle="bold" />
19    <Button
20        android:id="@+id/btnStart"
21        android:layout_width="250dp"
22        android:layout_height="wrap_content"
23        android:text="Start Music"
24        android:layout_marginTop="31dp"/>
25    <Button
26        android:id="@+id/btnPause"
27        android:layout_width="250dp"
28        android:layout_height="wrap_content"
29        android:text="Pause Music"
30        android:layout_marginTop="21dp"/>
31    <Button
32        android:id="@+id/btnStop"
33        android:layout_width="250dp"
34        android:layout_height="wrap_content"
35        android:text="Stop Music"
36        android:layout_marginTop="21dp"/>
37    </LinearLayout>
```



linearLayout > TextView

☰ TODO ⚡ 6: Problems 🗒 Terminal 🔧 Build 📁 Log

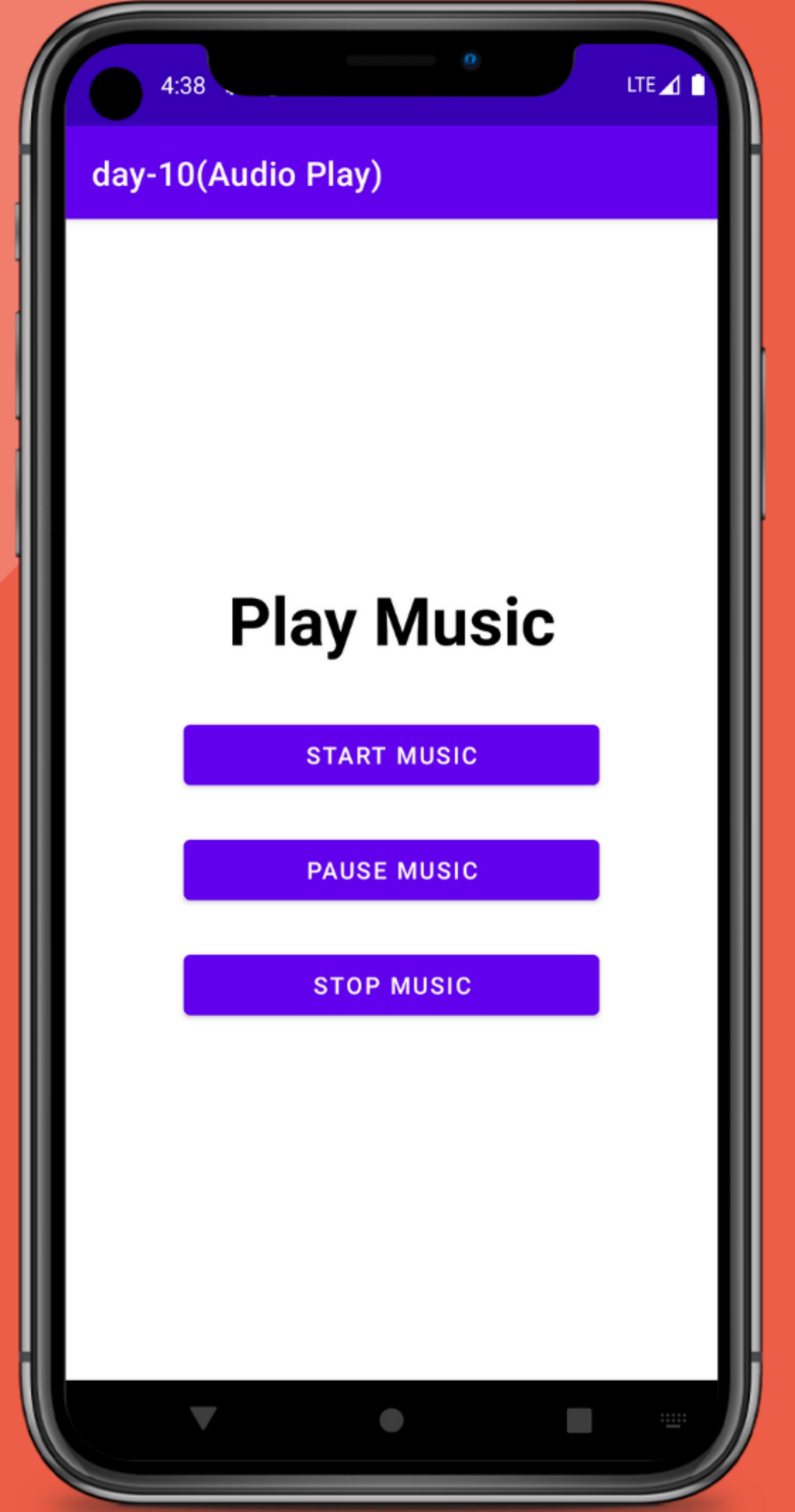
Event Log  Layout Inspector

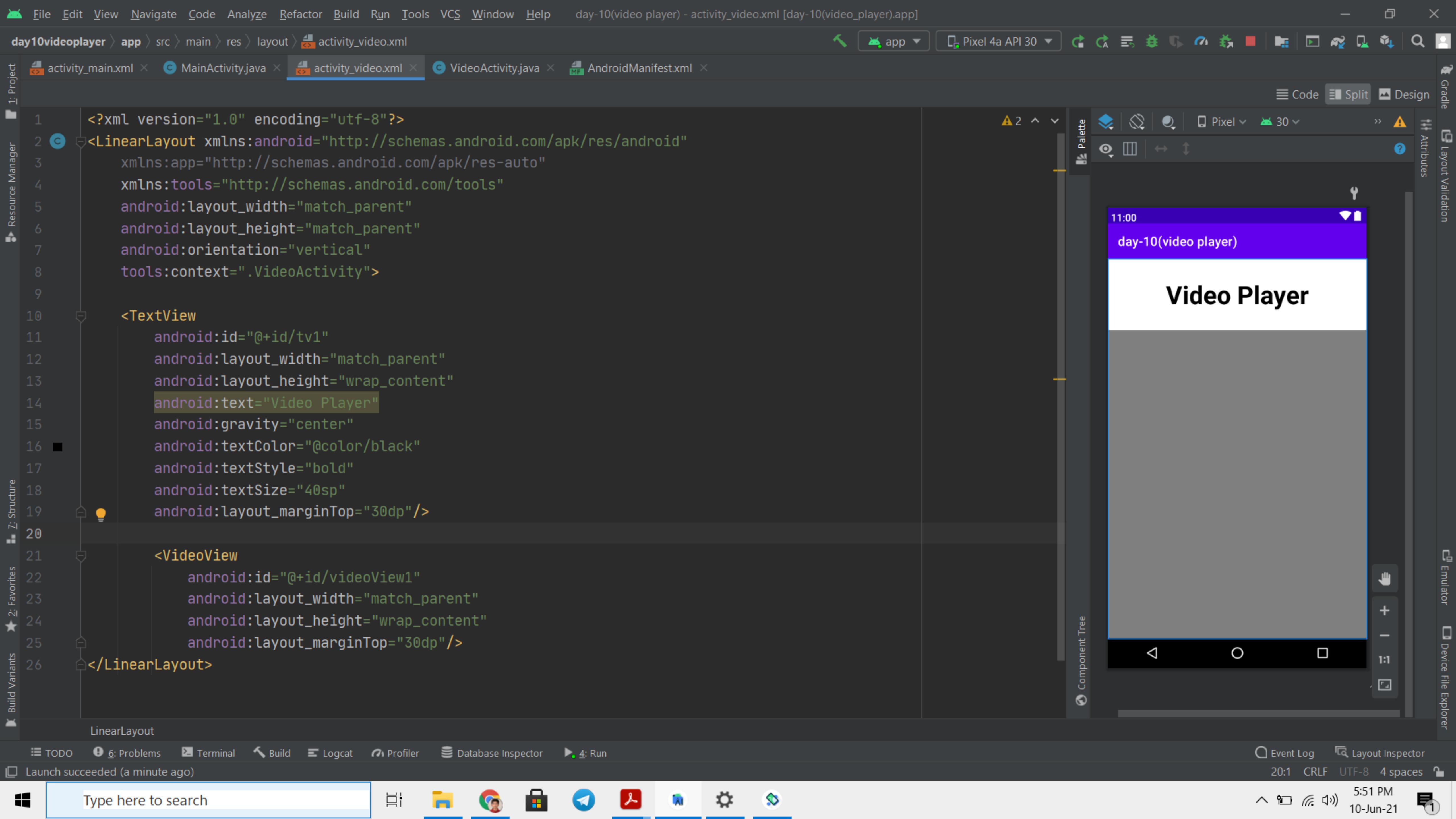
1

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4:37 PM
10-Jun-21

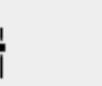


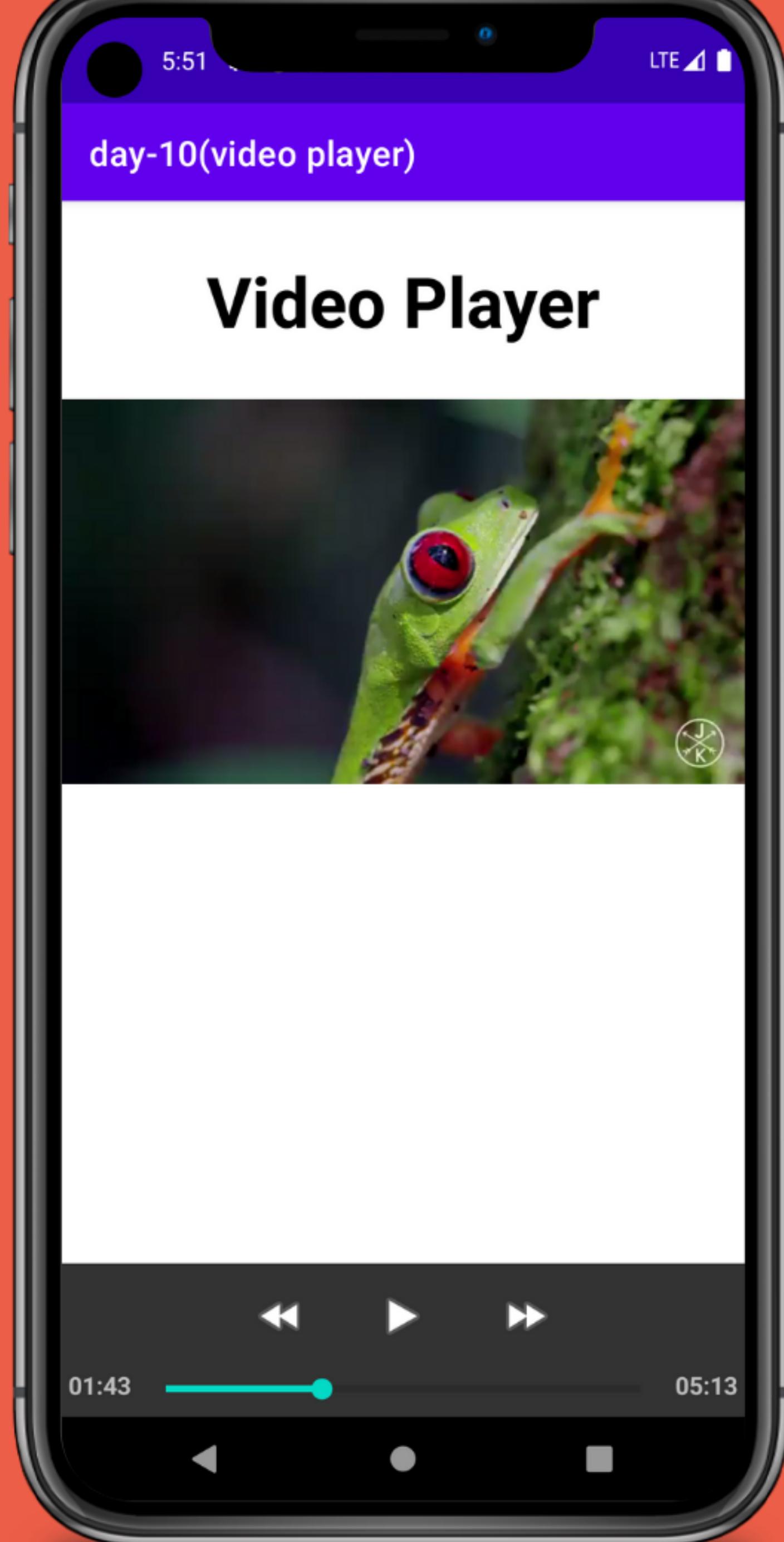
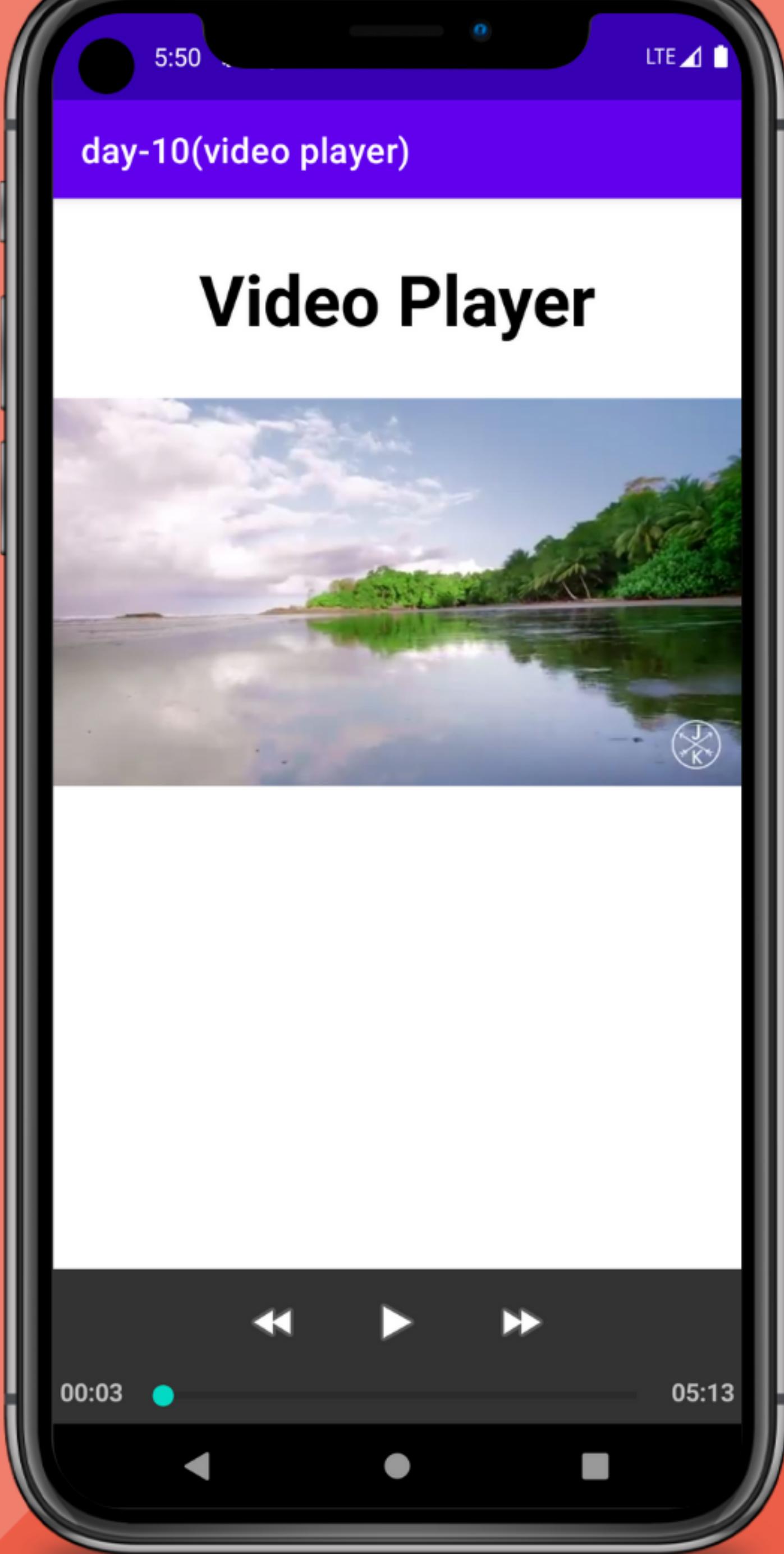


```
activity_main.xml × MainActivity.java × activity_video.xml × VideoActivity.java × AndroidManifest.xml ×  
1 package com.techerrors.day_10videoplayer;  
2  
3 import ...  
4  
5 public class VideoActivity extends AppCompatActivity {  
6     VideoView videoView1;  
7     @Override  
8     protected void onCreate(Bundle savedInstanceState) {  
9         super.onCreate(savedInstanceState);  
10        setContentView(R.layout.activity_video);  
11        videoView1 = findViewById(R.id.videoView1);  
12  
13        //MediaController class is used to enable play, pause, forward options  
14        MediaController mediaController = new MediaController(this);  
15        //setAnchorView method is used to link the media controller to the media view  
16        mediaController.setAnchorView(videoView1);  
17  
18        //to set the path to the video  
19        Uri uri = Uri.parse("android.resource://" + getPackageName() + "/" + R.raw.movie);  
20        //starting VideoView by setting MediaController and URI  
21        videoView1.setMediaController(mediaController);  
22        videoView1.setVideoURI(uri);  
23        videoView1.requestFocus();  
24        videoView1.start();  
25        //To display a toast when a video is completed  
26        videoView1.setOnCompletionListener((MediaPlayer mp) ->  
27            Toast.makeText(VideoActivity.this, "Thank you...", Toast.LENGTH_SHORT).show());  
28  
29        //display toast when an error is occurred while playing video  
30        videoView1.setOnErrorListener((MediaPlayer mediaPlayer, int what, int extra) ->{  
31            return false;  
32        });  
33    }  
34}  
35  
36  
37}
```



Type here to search





1 Project

Resource Manager

1:1 Project

1:1:1 activity_main.xml

1:1:2 MainActivity.java

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1:1:628

1:1:629

1:1:630

1:1:631

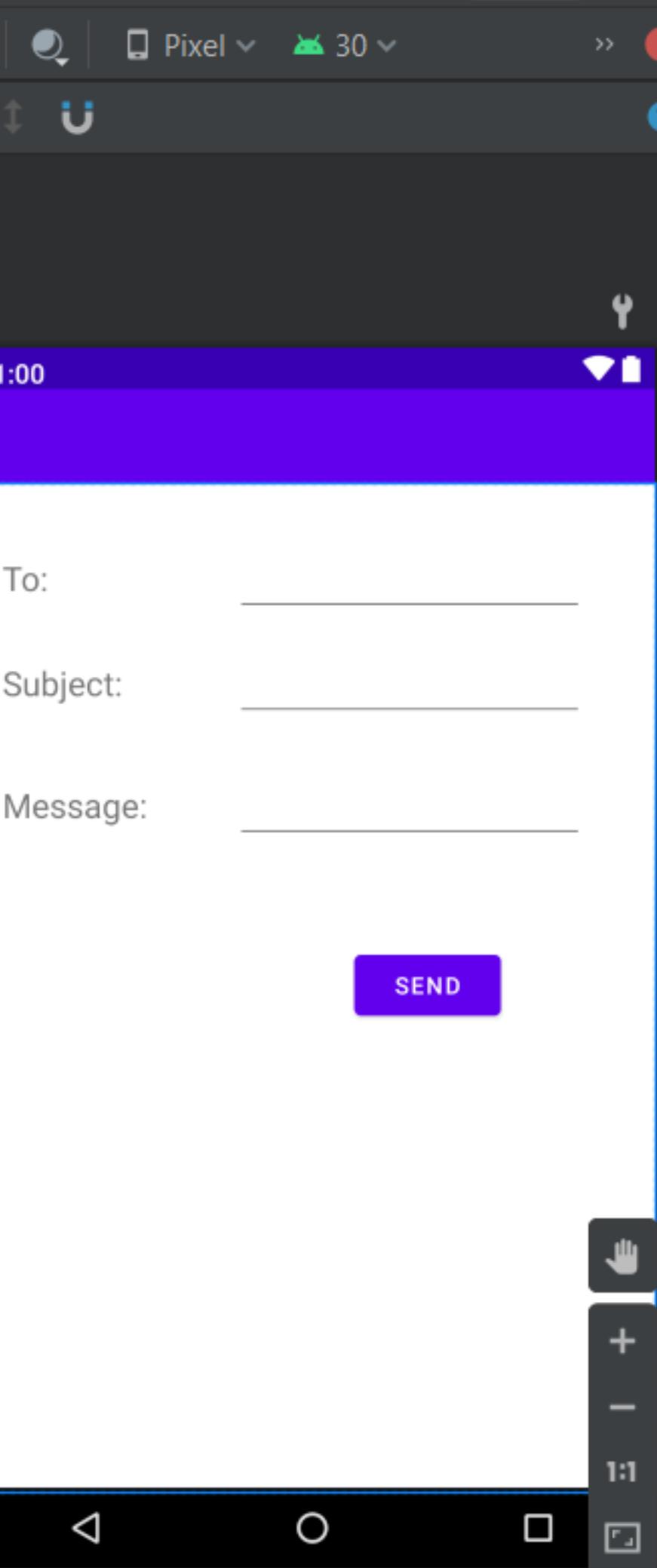
1:1:632

1:1:633

1:1:634

1:1:63

```
27         android:layout_marginTop="18dp"
28         android:ems="10"/>
29 <EditText
30     android:id="@+id/editText3_message"
31     android:layout_width="wrap_content"
32     android:layout_height="wrap_content"
33     android:layout_alignLeft="@+id/editText2_subject"
34     android:layout_below="@+id/editText2_subject"
35     android:layout_marginTop="28dp"
36     android:ems="10"
37     android:inputType="textMultiLine"/>
38 <TextView
39     android:id="@+id/tv1"
40     android:layout_width="wrap_content"
41     android:layout_height="wrap_content"
42     android:layout_alignBaseline="@+id/editText1_email1"
43     android:layout_alignBottom="@+id/editText1_email1"
44     android:layout_alignParentLeft="true"
45     android:text="To:"
46     android:textSize="20dp"/>
47 <TextView
48     android:id="@+id/tv2"
49     android:layout_width="wrap_content"
50     android:layout_height="wrap_content"
51     android:layout_alignBaseline="@+id/editText2_subject"
52     android:layout_alignBottom="@+id/editText2_subject"
53     android:layout_alignParentLeft="true"
54     android:text="Subject:"
```



File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-10(email) - activity_main.xml [day-10(email).app]

day10email > app > src > main > res > layout > activity_main.xml

MainActivity.java

1: Project

Resource Manager

2: Favorites

Build Variants

activity_main.xml

MainActivity.java

Code Split Design

Gradle

Attributes

Layout Validation

Palette

Component Tree

11:00

To:

Message:

SEND

Emulator

Device File Explorer

RelativeLayout > TextView

52 android:layout_alignBottom="@+id/editText2_subject"
53 android:layout_alignParentLeft="true"
54 android:text="Subject:"
55 android:textSize="20dp"/>/>>
56 <TextView
57 android:id="@+id/tv3"
58 android:layout_width="wrap_content"
59 android:layout_height="wrap_content"
60 android:layout_alignBaseline="@+id/editText3_message"
61 android:layout_alignBottom="@+id/editText3_message"
62 android:layout_alignParentLeft="true"
63 android:text="Message:"
64 android:textSize="20dp"/>/>>
65
66 <Button
67 android:id="@+id/btnSend"
68 android:layout_width="wrap_content"
69 android:layout_height="wrap_content"
70 android:layout_alignEnd="@+id/editText3_message"
71 android:layout_alignRight="@+id/editText3_message"
72 android:layout_centerVertical="true"
73 android:layout_marginEnd="50dp"
74 android:layout_marginRight="50dp"
75 android:text="send"/>/>>
76 </RelativeLayout>

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Hardcoded string "Subject:", should use `@string` resource

Type here to search

Event Log Layout Inspector

54:32 CRLF UTF-8 4 spaces

6:54 PM 10-Jun-21

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-10(email) - MainActivity.java [day-10(email).app]

day10email > app > src > main > java > com > techerrors > day_10email > MainActivity > onCreate

activity_main.xml > MainActivity.java

```
1 package com.techerrors.day_10email;
2
3 import ...
4
5 public class MainActivity extends AppCompatActivity {
6     EditText etTo, etSubject, etMessage;
7     Button btnSend;
8
9
10    @Override
11    protected void onCreate(Bundle savedInstanceState) {
12        super.onCreate(savedInstanceState);
13        setContentView(R.layout.activity_main);
14        etTo = findViewById(R.id.editText1_email1);
15        etSubject = findViewById(R.id.editText2_subject);
16        etMessage = findViewById(R.id.editText3_message);
17        btnSend = findViewById(R.id.btnSend);
18
19
20        btnSend.setOnClickListener((View view) -> {
21            String to = etTo.getText().toString();
22            String subject = etSubject.getText().toString();
23            String message = etMessage.getText().toString();
24
25
26            //...
27            Intent intent = new Intent(Intent.ACTION_SEND);
28            //...
29            intent.putExtra(Intent.EXTRA_EMAIL, new String[]{to});
30            //Intent.EXTRA_SUBJECT contains subject of email
31            intent.putExtra(Intent.EXTRA_SUBJECT, subject);
32            //Intent.EXTRA_TEXT contains text for email
33            intent.putExtra(Intent.EXTRA_TEXT, message);
34
35            //add below link to prompt email client only
36            intent.setType("message/rfc822");
37
38            //Intent.createChooser() method is used to choose email client.
39            startActivity(Intent.createChooser(intent, "Send email :"));
40
41
42        });
43    }
44
45
46
47
48 }
```

Resource Manager

Structure

Favorites

Build Variants

Emulator

Device File Explorer

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Event Log Layout Inspector

Failed to start monitoring emulator-5554 (2 minutes ago)

Type here to search

22:1 CRLF UTF-8 4 spaces

6:54 PM 10-Jun-21

