

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help FinalProject - MainActivity.java [FinalProject.app] - Android Studio

FinalProject app src main java com myactivity finalproject MainActivity newactivity5 No Devices

```
1 package com.myactivity.finalproject;
2
3 import ...
4
5
6
7
8
9 public class MainActivity extends AppCompatActivity {
10
11     @Override
12     protected void onCreate(Bundle savedInstanceState) {
13         super.onCreate(savedInstanceState);
14         setContentView(R.layout.activity_main);
15     }
16
17     public void newactivity2(View view) {
18         Intent activity2Intent = new Intent(getApplicationContext(), Activity2.class);
19         startActivity(activity2Intent);
20     }
21
22     public void newactivity3(View view) {
23         Intent activity3Intent = new Intent(getApplicationContext(), Activity3.class);
24         startActivity(activity3Intent);
25     }
26
27     public void newactivity4(View view) {
28         Intent activity4Intent = new Intent(getApplicationContext(), Activity4.class);
29         startActivity(activity4Intent);
30     }
31     public void newactivity5(View view) {
32         Intent activity5Intent = new Intent(getApplicationContext(), Activity5.class);
33         startActivity(activity5Intent);
34     }
35
36 }
37
```

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Event Log Layout Inspector 32:79 CRLF UTF-8 4 spaces 03:56 PM 04-09-2021

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File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help FinalProject - activity_2.xml [FinalProject.app] - Android Studio

FinalProject > app > src > main > res > layout > activity_2.xml

activity_main.xml x MainActivity.java x activity_2.xml x Activity2.java x activity_3.xml x Activity3.java x activity_4.xml x Activity4.java x activity_5.xml x Activity5.java x

Code Split Design

Palette

- Common
 - Ab TextView
- Text
 - Button
- Buttons
 - ImageView
- Widgets
 - RecyclerView
- Layouts
 - <> <fragment>
 - ScrollView
- Containers
 - Switch
- Helpers
- Google
- Legacy

Pixel 30 FinalProject Default (en-us)

Enter Number

edit_text_number

image_call

145

263

<unnamed> RelativeLayout

- flow_firstHorizontal...
- flow_firstVerticalSt...
- flow_horizontalStyle
- flow_lastHorizontal...
- flow_lastVerticalSt...
- flow_verticalStyle
- layout_constraints
- scrollbarStyle
- style

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File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help FinalProject - Activity2.java [FinalProject.app] - Android Studio

FinalProject > app > src > main > java > com > myactivity > finalproject > Activity2

activity_main.xml x MainActivity.java x activity_2.xml x Activity2.java x activity_3.xml x Activity3.java x activity_4.xml x Activity4.java x activity_5.xml x Activity5.java x

```
1 package com.myactivity.finalproject;
2
3 import ...
4
18
19 public class Activity2 extends AppCompatActivity {
20     private static final int REQUEST_CALL = 1;
21     private EditText mEditTextNumber;
22
23     @Override
24     protected void onCreate(Bundle savedInstanceState) {
25         super.onCreate(savedInstanceState);
26         setContentView(R.layout.activity_2);
27
28         mEditTextNumber = findViewById(R.id.edit_text_number);
29         ImageView imageCall = findViewById(R.id.image_call);
30
31         imageCall.setOnClickListener(new View.OnClickListener() {
32             @Override
33             public void onClick(View v) { makePhoneCall(); }
34         });
35
36     }
37
38
39     private void makePhoneCall() {
40         String number = mEditTextNumber.getText().toString();
41         if (number.trim().length() > 0) {
42
43             if (ContextCompat.checkSelfPermission( context: Activity2.this,
44                 Manifest.permission.CALL_PHONE) != PackageManager.PERMISSION_GRANTED) {
45                 ActivityCompat.requestPermissions( activity: Activity2.this,
46                     new String[]{Manifest.permission.CALL_PHONE}, REQUEST_CALL);
47             } else {
48                 String dial = "tel:" + number;
49                 startActivity(new Intent(Intent.ACTION_CALL, Uri.parse(dial)));
50             }
51         }
52     }
53 }
```

Resource Manager

Structure

2 Favorites

Build Variants

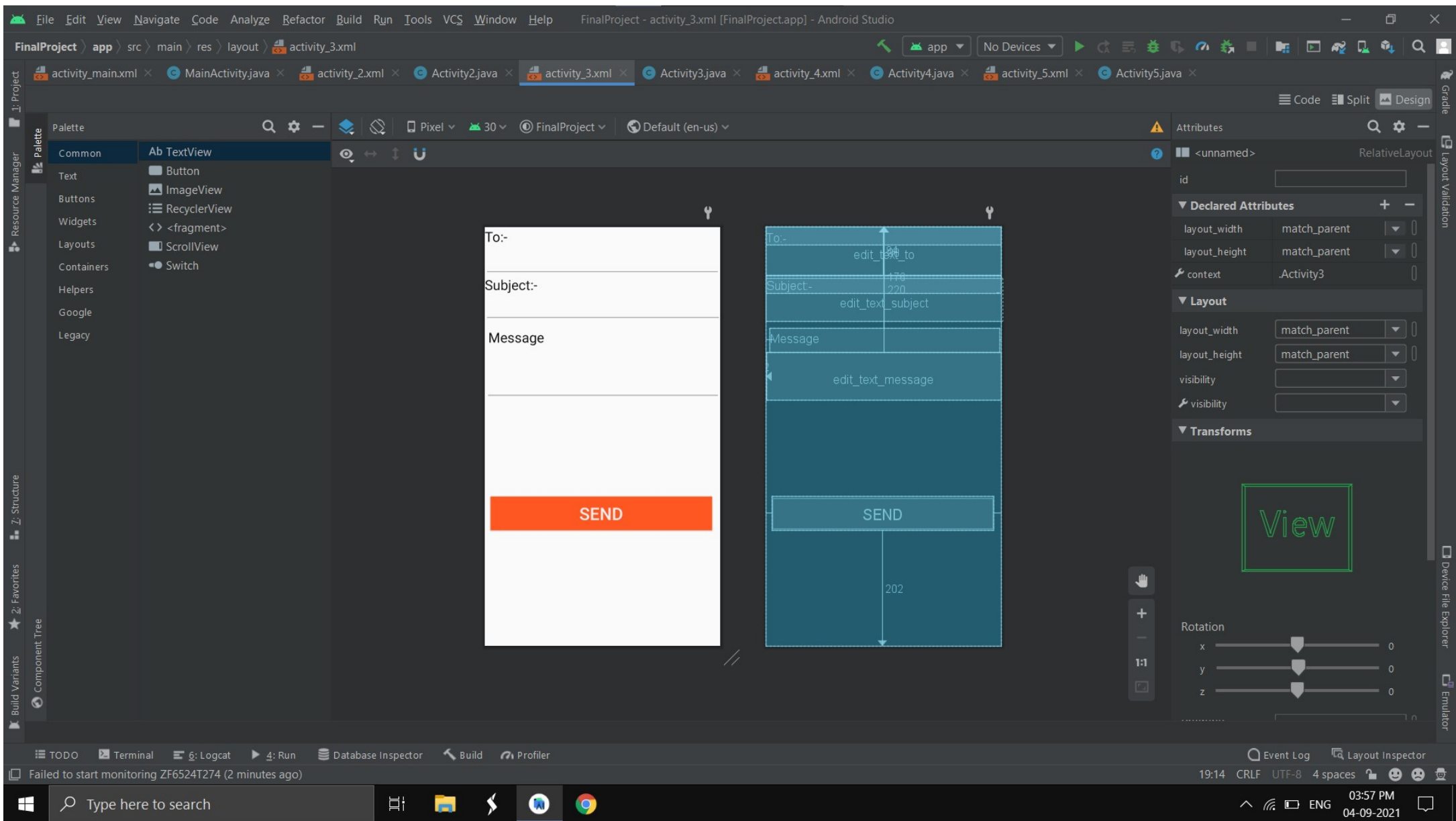
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Event Log Layout Inspector

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File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help FinalProject - Activity3.java [FinalProject.app] - Android Studio

FinalProject > app > src > main > java > com > myactivity > finalproject > Activity3

activity_main.xml x MainActivity.java x activity_2.xml x Activity2.java x activity_3.xml x Activity3.java x activity_4.xml x Activity4.java x activity_5.xml x Activity5.java x

```
1 package com.myactivity.finalproject;
2
3 import ...
4
5
6
7
8
9
10
11 public class Activity3 extends AppCompatActivity {
12     private EditText mEditTextTo;
13     private EditText mEditTextSubject;
14     private EditText mEditTextMessage;
15     private static final int REQUEST_CALL = 1;
16     private EditText mEditTextNumber;
17
18
19     @Override
20     protected void onCreate(Bundle savedInstanceState) {
21         super.onCreate(savedInstanceState);
22         setContentView(R.layout.activity_3);
23         mEditTextTo = findViewById(R.id.edit_text_to);
24         mEditTextSubject = findViewById(R.id.edit_text_subject);
25         mEditTextMessage = findViewById(R.id.edit_text_message);
26
27
28         Button buttonSend = findViewById(R.id.button_send);
29         buttonSend.setOnClickListener(new View.OnClickListener() {
30             @Override
31             public void onClick(View v) { sendMail(); }
32         });
33
34     }
35
36     private void sendMail() {
37         String recipientList = mEditTextTo.getText().toString();
38         String[] recipients = recipientList.split(regex: "");
39
40         String subject = mEditTextSubject.getText().toString();
41         String message = mEditTextMessage.getText().toString();
42
43         Intent intent = new Intent(Intent.ACTION_SEND);
```

Resource Manager

Structure

2 Favorites

Build Variants

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Event Log Layout Inspector

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File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help FinalProject - activity_4.xml [FinalProject.app] - Android Studio

FinalProject > app > src > main > res > layout > activity_4.xml

activity_main.xml x MainActivity.java x activity_2.xml x Activity2.java x activity_3.xml x Activity3.java x activity_4.xml x Activity4.java x activity_5.xml x Activity5.java x

Code Split Design

Palette

- Common
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- Helpers
 - Switch
- Google
- Legacy

Attributes

<unnamed> RelativeLayout

id

Declared Attributes

- layout_width match_parent
- layout_height match_parent
- context .Activity4

Layout

- layout_width match_parent
- layout_height match_parent
- visibility
- visibility

Transforms

View

Rotation

- x 0
- y 0
- z 0

Phone Number

Type a message

SEND SMS

number

message

174

SEND SMS

RelativeLayout > EditText

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File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help FinalProject - Activity4.java [FinalProject.app] - Android Studio

FinalProject > app > src > main > java > com > myactivity > finalproject > Activity4

activity_main.xml x MainActivity.java x activity_2.xml x Activity2.java x activity_3.xml x Activity3.java x activity_4.xml x Activity4.java x activity_5.xml x Activity5.java x

```
1 package com.myactivity.finalproject;
2
3 import ...
4
15 public class Activity4 extends AppCompatActivity {
16
17     private EditText number,message;
18     private Button send;
19     @Override
20     protected void onCreate(Bundle savedInstanceState) {
21         super.onCreate(savedInstanceState);
22         setContentView(R.layout.activity_4);
23
24         number = findViewById(R.id.number);
25         message = findViewById(R.id.message);
26         send = findViewById(R.id.send);
27
28         send.setOnClickListener(new View.OnClickListener() {
29             @Override
30             public void onClick(View v) {
31                 if(Build.VERSION.SDK_INT >= Build.VERSION_CODES.M) {
32                     if(checkSelfPermission(Manifest.permission.SEND_SMS) == PackageManager.PERMISSION_GRANTED) {
33                         sendSMS();
34                     } else {
35                         requestPermissions(new String[] {Manifest.permission.SEND_SMS}, requestCode: 1);
36                     }
37                 }
38             }
39         });
40     }
41     private void sendSMS () {
42         String phoneNo = number.getText().toString().trim();
43         String SMS = message.getText().toString().trim();
44         try {
45             SmsManager smsManager = SmsManager.getDefault();
```

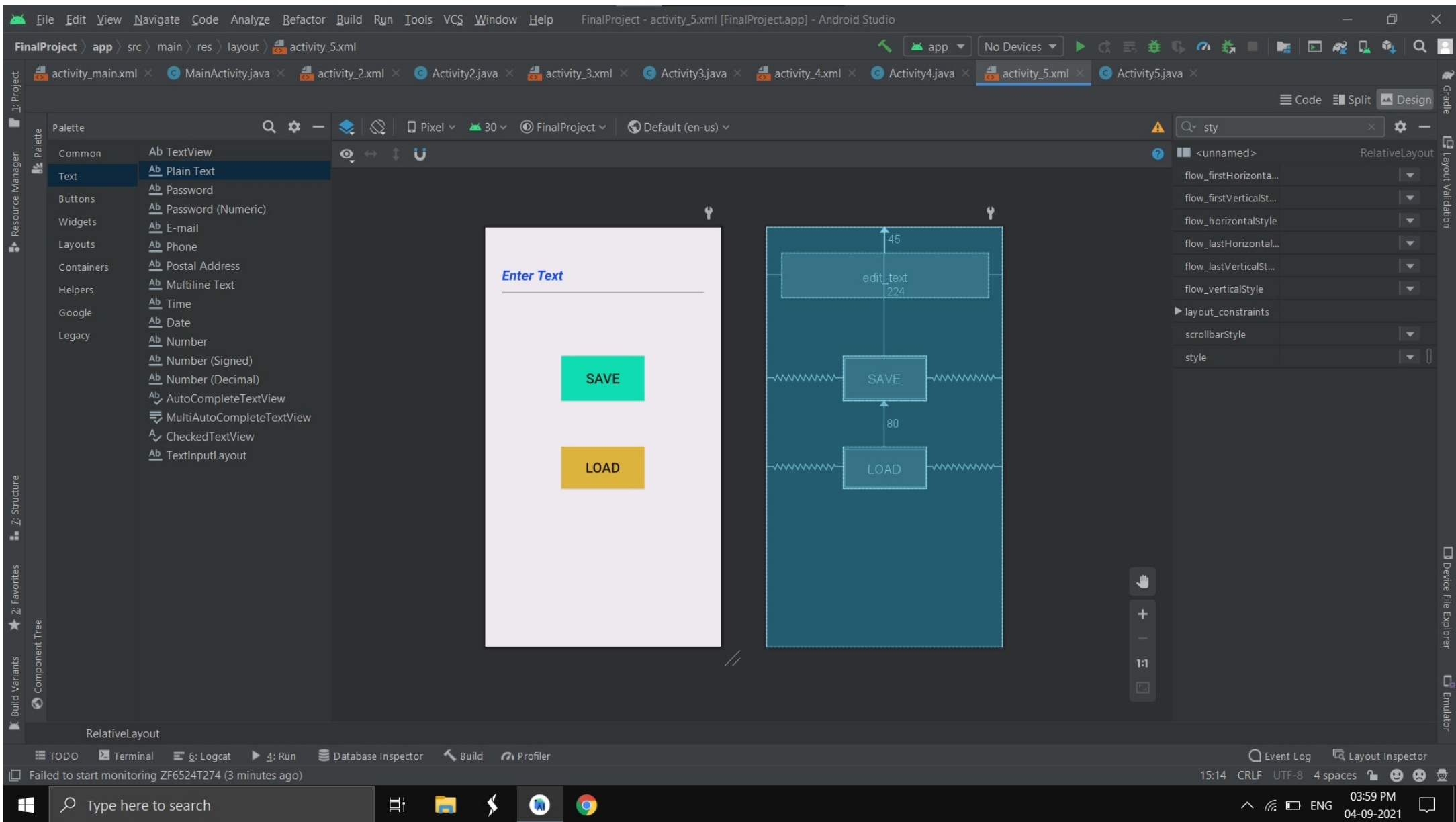
Project Resource Manager Structure Favorites Build Variants

Event Log Layout Inspector

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File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help FinalProject - Activity5.java [FinalProject.app] - Android Studio

FinalProject > app > src > main > java > com > myactivity > finalproject > Activity5 > load

activity_main.xml x MainActivity.java x activity_2.xml x Activity2.java x activity_3.xml x Activity3.java x activity_4.xml x Activity4.java x activity_5.xml x Activity5.java x

```
1 package com.myactivity.finalproject;
2
3 import ...
4
18
19 public class Activity5 extends AppCompatActivity {
20     private static final String FILE_NAME = "example.txt";
21
22     EditText mEditText;
23
24     @Override
25     protected void onCreate(Bundle savedInstanceState) {
26         super.onCreate(savedInstanceState);
27         setContentView(R.layout.activity_5);
28
29         mEditText = findViewById(R.id.edit_text);
30     }
31
32     public void save(View v) {
33         String text = mEditText.getText().toString();
34         FileOutputStream fos = null;
35
36         try {
37             fos = openFileOutput(FILE_NAME, MODE_PRIVATE);
38             fos.write(text.getBytes());
39
40             mEditText.getText().clear();
41             Toast.makeText(context: this, text: "Saved to "+getFilesDir()+"/"+FILE_NAME, Toast.LENGTH_LONG).show();
42         } catch (FileNotFoundException e) {
43             e.printStackTrace();
44         } catch (IOException e) {
45             e.printStackTrace();
46         } finally {
47             if(fos != null) {
48                 try {
49                     fos.close();
50                 } catch (IOException e) {
51                     e.printStackTrace();
52                 }
53             }
54         }
55     }
56 }
```

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