

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help My Application - activity\_main.xml [My\_Application.app]

sum of 2 num app src main res layout activity\_main.xml

activity\_main.xml MainActivity.java

```
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
10
11   <EditText
12     android:id="@+id/etNum1"
13     android:layout_width="match_parent"
14     android:layout_height="wrap_content"
15     android:hint="Enter Number 1" />
16
17   <EditText
18     android:id="@+id/etNum2"
19     android:layout_width="match_parent"
20     android:layout_height="wrap_content"
21     android:hint="Enter Number 2" />
22
23   <Button
24     android:id="@+id/btnSum"
25     android:layout_width="wrap_content"
26     android:layout_height="wrap_content"
27     android:layout_gravity="center"
28     android:layout_marginTop="30dp"
29     android:text="Add" />
30 </LinearLayout>
```

LinearLayout > Button

TODO Problems Terminal Build Logcat Profiler Database Inspector 4: Run

Launch succeeded (9 minutes ago)

My Application

Enter Number 1

Enter Number 2

ADD

Event Log Layout Inspector 23:12 CRLF UTF-8 4 spaces

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help My Application - MainActivity.java [My\_Application.app]

sum of 2 num > app > src > main > java > com > techerrors > myapplication > MainActivity > onCreate > Lambda

activity\_main.xml x MainActivity.java x

```
1 package com.techerrors.myapplication;
2
3 import ...
4
10
11 public class MainActivity extends AppCompatActivity {
12     EditText etNum1, etNum2;
13     Button btnSum;
14     @Override
15     protected void onCreate(Bundle savedInstanceState) {
16         super.onCreate(savedInstanceState);
17         setContentView(R.layout.activity_main);
18         etNum1 = findViewById(R.id.etNum1);
19         etNum2 = findViewById(R.id.etNum2);
20         btnSum = findViewById(R.id.btnSum);
21         btnSum.setOnClickListener((View v) -> {
22             //convert both editText into String
23             String num1, num2;
24             num1 = etNum1.getText().toString();
25             num2 = etNum2.getText().toString();
26             //convert both editText into Integer
27             int a = Integer.parseInt(num1);
28             int b= Integer.parseInt(num2);
29             int sum = a+b;
30             Toast.makeText(MainActivity.this, "Sum is: "+sum, Toast.LENGTH_SHORT).show();
31
32         });
33     }
34 }
```

TODO Problems Terminal Build Logcat Profiler Database Inspector 4: Run

Launch succeeded (9 minutes ago)

Event Log Layout Inspector 30:90 CRLF UTF-8 4 spaces

Type here to search

10:08 PM 30-May-21

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help My Application - activity\_main.xml [My\_Application.app]

sum of 2 num > app > src > main > res > layout > activity\_main.xml

activity\_main.xml MainActivity.java

```
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
10
11   <EditText
12     android:id="@+id/etNum1"
13     android:layout_width="match_parent"
14     android:layout_height="wrap_content"
15     android:hint="Enter Number 1" />
16
17   <EditText
18     android:id="@+id/etNum2"
19     android:layout_width="match_parent"
20     android:layout_height="wrap_content"
21     android:hint="Enter Number 2" />
22
23   <Button
24     android:id="@+id/btnSum"
25     android:layout_width="wrap_content"
26     android:layout_height="wrap_content"
27     android:layout_gravity="center"
28     android:layout_marginTop="30dp"
29     android:text="Add" />
30 </LinearLayout>
```

LinearLayout > Button

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Launch succeeded (10 minutes ago)

My Application

2

3

ADD

Sum is: 5

Event Log Layout Inspector

23:12 CRLF UTF-8 4 spaces

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sum of 2 num > app > src > main > res > layout > activity\_main.xml

app Pixel 4a API 30

activity\_main.xml MainActivity.java

Code Split Design

```
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   <LinearLayout
10     android:layout_width="match_parent"
11     android:layout_height="wrap_content"
12     android:orientation="horizontal">
13     <TextView
14       android:layout_width="wrap_content"
15       android:layout_height="wrap_content"
16       android:text="Enter Your Name"
17       android:textColor="@color/black"
18       android:textSize="20dp" />
19     <EditText
20       android:id="@+id/etName"
21       android:layout_width="match_parent"
22       android:layout_height="wrap_content" />
23   </LinearLayout>
24   <LinearLayout
25     android:layout_width="match_parent"
26     android:layout_height="wrap_content"
27     android:orientation="vertical">
28     <Button
29       android:id="@+id/btnClick"
30       android:layout_width="wrap_content"
31       android:layout_height="wrap_content"
32       android:layout_gravity="center"
33       android:layout_marginTop="20px"
34       android:text="Click Me!" />
35     <TextView
36       android:id="@+id/tvName"
37       android:layout_width="wrap_content"
38       android:layout_height="wrap_content"
39       android:layout_gravity="center"
40       android:layout_marginTop="100px"
41       android:hint="Name"
42       android:textColor="@color/black"
43       android:textSize="25dp" />
44   </LinearLayout>
45 </LinearLayout>
```

LinearLayout > LinearLayout

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Event Log Layout Inspector

Launch succeeded (3 minutes ago)

24:18 CRLF UTF-8 4 spaces

```
1 package com.techerrors.myapplication;
2
3 import ...
4
11
12 public class MainActivity extends AppCompatActivity {
13     EditText etName;
14     TextView tvName;
15     Button btnClick;
16     @Override
17     protected void onCreate(Bundle savedInstanceState) {
18         super.onCreate(savedInstanceState);
19         setContentView(R.layout.activity_main);
20         etName = findViewById(R.id.etName);
21         tvName = findViewById(R.id.tvName);
22         btnClick = findViewById(R.id.btnClick);
23         btnClick.setOnClickListener((View v) -> {
24             String name = etName.getText().toString();
25             tvName.setText(name);
26         });
27     }
28 }
```

sum of 2 num > app > src > main > res > layout > activity\_main.xml

activity\_main.xml x MainActivity.java x

Code Split Design

11

```
<?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">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Enter Your Name"
            android:textColor="@color/black"
            android:textSize="20dp" />
        <EditText
            android:id="@+id/etName"
            android:layout_width="match_parent"
            android:layout_height="wrap_content" />
    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">
        <Button
            android:id="@+id/btnClick"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_gravity="center"
            android:text="CLICK ME!" />
    </LinearLayout>
</LinearLayout>
```

My Application

Enter Your Name

CLICK ME!

Name

10:36 30-May-21

sum of 2 num > app > src > main > res > layout > activity\_main.xml

activity\_main.xml x MainActivity.java x

Code Split Design

11

```
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   <LinearLayout
10     android:layout_width="match_parent"
11     android:layout_height="wrap_content"
12     android:orientation="horizontal">
13     <TextView
14       android:layout_width="wrap_content"
15       android:layout_height="wrap_content"
16       android:text="Enter Your Name"
17       android:textColor="@color/black"
18       android:textSize="20dp" />
19     <EditText
20       android:id="@+id/etName"
21       android:layout_width="match_parent"
22       android:layout_height="wrap_content" />
23   </LinearLayout>
24   <LinearLayout
25     android:layout_width="match_parent"
26     android:layout_height="wrap_content"
27     android:orientation="vertical">
28     <Button
29       android:id="@+id/btnClick"
30       android:layout_width="wrap_content"
31       android:layout_height="wrap_content"
32       android:layout_gravity="center"
33       android:text="CLICK ME!" />
34   </LinearLayout>
35 </LinearLayout>
```

My Application

Enter Your Name Tech Errors

CLICK ME!

Tech Errors

LinearLayout > LinearLayout > Button

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