

myfirstapp > app > src > main > res > layout > activity\_main.xml [my\_first\_app.app]

activity\_main.xml x MainActivity.java x

```
<?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"
    tools:context=".MainActivity"
    tools:ignore="ExtraText">

    <TextView
        android:id="@+id/tv1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Hello World!"
        android:layout_gravity="center"
        android:textAlignment="center"
        android:textStyle="bold"
        android:textSize="30sp"
        android:textColor="@color/black"/>
</LinearLayout>
```

Code Split Design

Pixel 30 MyFirstApp Default (en-us)

11:00  
my first app

Hello World!

LinearLayout > TextView

TODO Problems Terminal Database Inspector Profiler 4: Run Build Logcat

Launch succeeded (a minute ago)

Event Log Layout Inspector 19:43 CRLF UTF-8 4 spaces

Type here to search

1:33 PM 27-May-21

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help UI control app - activity\_main.xml [UI\_control\_app.app]

UIcontrolapp > app > src > main > res > layout > activity\_main.xml

activity\_main.xml x MainActivity.java x

```
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   tools:context=".MainActivity">
8
9   <TextView
10     android:id="@+id/tv1"
11     android:layout_width="match_parent"
12     android:layout_height="wrap_content"
13     android:layout_gravity="center"
14     android:fontFamily="cursive"
15     android:text="Hello World!"
16     android:textAlignment="center"
17     android:textColor="#1CD31F"
18     android:textSize="40sp"
19     android:textStyle="bold" />
20
21 </LinearLayout>
```

Code Split Design

Layout Inspector

UI control app

11:00

Hello World!

LinearLayout > TextView

TODO Problems Terminal Build Logcat Profiler Database Inspector

\* daemon started successfully (5 minutes ago)

Event Log Layout Inspector

18:32 CRLF UTF-8 4 spaces

Type here to search

2:39 PM 27-May-21

UI control app - activity\_main.xml [UI\_control\_app.app]

activity\_main.xml x MainActivity.java x

```
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   tools:context=".MainActivity">
8
9   <EditText
10     android:id="@+id/et1"
11     android:layout_width="match_parent"
12     android:layout_height="wrap_content"
13     android:hint="Enter name"
14     android:background="#33FF77"
15     android:textSize="30sp"
16     android:textColor="@color/black" />
17
18 </LinearLayout>
```

LinearLayout > EditText

UI control app

Enter name

Launch succeeded (5 minutes ago)

Event Log Layout Inspector

15:32 CRLF UTF-8 4 spaces

2:56 PM 27-May-21

UI control app - activity\_main.xml [UI\_control\_app.app]

activity\_main.xml x MainActivity.java x

```
<?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:gravity="center"
    tools:context=".MainActivity">

    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:text="CLICK"
        android:textSize="25sp"
        android:textColor="@color/teal_200"/>

</LinearLayout>
```

LinearLayout > Button

UI control app

CLICK

Launch succeeded (2 minutes ago)

Event Log Layout Inspector 16:46 CRLF UTF-8 4 spaces

3:02 PM 27-May-21

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help UI control app - ButtonActivity.java [UI\_control\_app.app]

UIcontrolapp > app > src > main > java > com > techerrors > uicontrolapp > ButtonActivity > onCreate > Lambda

activity\_main.xml x ButtonActivity.java x

```
1 package com.techerrors.uicontrolapp;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.os.Bundle;
6 import android.view.View;
7 import android.widget.Button;
8 import android.widget.Toast;
9
10 public class ButtonActivity extends AppCompatActivity {
11     Button btnClick;
12     @Override
13     protected void onCreate(Bundle savedInstanceState) {
14         super.onCreate(savedInstanceState);
15         setContentView(R.layout.activity_main);
16         btnClick=findViewById(R.id.btnClick);
17         // btnClick.setOnClickListener(new View.OnClickListener() {
18         //     @Override
19         //     public void onClick(View v) {
20         //         Toast.makeText(ButtonActivity.this, "Hello User", Toast.LENGTH_SHORT).show();
21         //     }
22         // });
23         btnClick.setOnClickListener((View v) -> {
24             //to display message
25             Toast.makeText(ButtonActivity.this, "Hello User", Toast.LENGTH_SHORT).show();
26         });
27     }
28 }
```

TODO Problems Terminal Database Inspector Profiler Find Run Build Logcat

Failed to start monitoring DMMJRSJFRKOZCAIJ (33 minutes ago)

Event Log Layout Inspector 25:55 CRLF UTF-8 4 spaces

Type here to search

6:00 PM 27-May-21

UIcontrolapp > app > src > main > res > layout > activity\_main.xml

activity\_main.xml x ButtonActivity.java x

1<?xml version="1.0" encoding="utf-8"?>  
2<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
3xmlns:app="http://schemas.android.com/apk/res-auto"  
4xmlns:tools="http://schemas.android.com/tools"  
5android:layout\_width="match\_parent"  
6android:layout\_height="match\_parent"  
7android:orientation="vertical"  
8tools:context=".ButtonActivity"  
9tools:layout\_editor\_absoluteY="81dp">  
10  
11<CheckBox  
12android:id="@+id/checkBox"  
13android:layout\_width="wrap\_content"  
14android:layout\_height="wrap\_content"  
15android:layout\_marginTop="10dp"  
16android:layout\_marginBottom="10dp"  
17android:baselineAligned="false"  
18android:text="Android" />  
19  
20<CheckBox  
21android:id="@+id/checkBox2"  
22android:layout\_width="wrap\_content"  
23android:layout\_height="wrap\_content"  
24android:layout\_marginTop="10dp"  
25android:layout\_marginBottom="10dp"  
26android:text="PHP" />  
27  
28<CheckBox  
29android:id="@+id/checkBox3"  
30android:layout\_width="wrap\_content"  
31android:layout\_height="wrap\_content"  
32android:layout\_marginTop="10dp"  
33android:layout\_marginBottom="10dp"  
34android:text="Angular" />  
35  
36<CheckBox  
37android:id="@+id/checkBox4"  
38android:layout\_width="wrap\_content"  
39android:layout\_height="wrap\_content"  
40android:layout\_marginTop="10dp"  
41android:layout\_marginBottom="10dp"  
42android:text="iOS" />  
43

6

Palette

Component Tree

Code Split Design

Nexus 5 30 UIControlApp Default (en-us)

11:00  
UI control app  
☐ Android  
☒ PHP  
☐ Angular  
☐ iOS  
CLICK

Device File Explorer Emulator

TODO Problems Terminal Database Inspector Profiler Find Run Build Logcat Event Log Layout Inspector

Failed to start monitoring DMMJRSJFRKOZCAIJ (27 minutes ago) 21:36 CRLF UTF-8 4 spaces

Type here to search 5:55 PM 27-May-21

UIcontrolapp > app > src > main > java > com > techerrors > uicontrolapp > ButtonActivity > onCreate > Lambda

```
activity_main.xml x ButtonActivity.java x
1 package com.techerrors.uicontrolapp;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.os.Bundle;
6 import android.view.View;
7 import android.widget.Button;
8 import android.widget.CheckBox;
9 import android.widget.Toast;
10
11 public class ButtonActivity extends AppCompatActivity {
12     CheckBox cbAndroid, cbPhp, cbAngular, cbIos;
13     Button btnClick;
14     @Override
15     protected void onCreate(Bundle savedInstanceState) {
16         super.onCreate(savedInstanceState);
17         setContentView(R.layout.activity_main);
18         cbAndroid = findViewById(R.id.cbAndroid);
19         cbPhp = findViewById(R.id.cbPhp);
20         cbAngular = findViewById(R.id.cbAngular);
21         cbIos = findViewById(R.id.cbIos);
22
23         btnClick = findViewById(R.id.btnClick);
24         btnClick.setOnClickListener((View v) -> {
25             //to display message
26             String result= "You Select";
27             if (cbAndroid.isChecked())
28                 result += "\nANDROID";
29             if (cbPhp.isChecked())
30                 result += "\nPHP";
31             if (cbAngular.isChecked())
32                 result += "\nANGULAR";
33             if (cbIos.isChecked())
34                 result += "\nIOS";
35             Toast.makeText(ButtonActivity.this, result, Toast.LENGTH_SHORT).show();
36         });
37     }
38 }
```

TODO Problems Terminal Database Inspector Profiler Find Run Build Logcat

Launch succeeded (a minute ago)

Event Log Layout Inspector

35:49 CRLF UTF-8 4 spaces

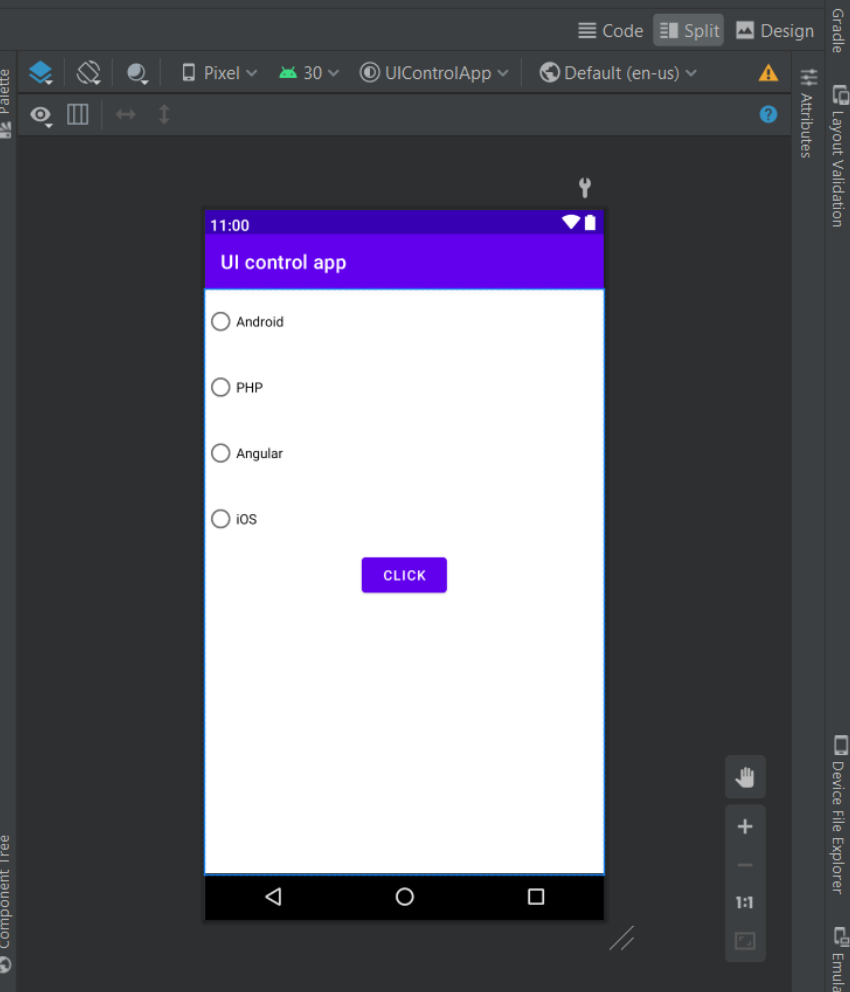
Type here to search



UIcontrolapp > app > src > main > res > layout > activity\_main.xml

activity\_main.xml x RadioButtonActivity.java x

```
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=".RadioButtonActivity"
9     tools:layout_editor_absoluteY="81dp">
10
11     <RadioGroup
12         android:id="@+id/rqCourse"
13         android:layout_width="match_parent"
14         android:layout_height="wrap_content"/>
15         <RadioButton
16             android:id="@+id/rbAndroid"
17             android:layout_width="wrap_content"
18             android:layout_height="wrap_content"
19             android:layout_marginTop="10dp"
20             android:layout_marginBottom="10dp"
21             android:baselineAligned="false"
22             android:text="Android" />
23
24         <RadioButton
25             android:id="@+id/rbPhp"
26             android:layout_width="wrap_content"
27             android:layout_height="wrap_content"
28             android:layout_marginTop="10dp"
29             android:layout_marginBottom="10dp"
30             android:text="PHP" />
31
32         <RadioButton
33             android:id="@+id/rbAngular"
34             android:layout_width="wrap_content"
35             android:layout_height="wrap_content"
36             android:layout_marginTop="10dp"
37             android:layout_marginBottom="10dp"
38             android:text="Angular" />
39
40         <RadioButton
41             android:id="@+id/rbIos"
42             android:layout_width="wrap_content"
43             android:layout_height="wrap_content"
44             android:layout_marginTop="10dp"
45             android:layout_marginBottom="10dp"
46             android:text="iOS" />
47
48 </LinearLayout>
```



LinearLayout > RadioButton

TODO Problems Terminal Database Inspector Profiler 4: Run Build Logcat

Launch succeeded (17 minutes ago)

Event Log Layout Inspector 38:38 CRLF UTF-8 4 spaces



```

1 package com.techerrors.uicontrolapp;
2
3 import ...
4
11
12 public class RadioButtonActivity extends AppCompatActivity {
13     RadioButton rbAndroid,rbPhp, rbAngular, rbIos;
14     Button btnClick;
15     @Override
16     protected void onCreate(Bundle savedInstanceState) {
17         super.onCreate(savedInstanceState);
18         setContentView(R.layout.activity_main);
19         rbAndroid = findViewById(R.id.rbAndroid);
20         rbPhp = findViewById(R.id.rbPhp);
21         rbAngular = findViewById(R.id.rbAngular);
22         rbIos = findViewById(R.id.rbIos);
23
24         btnClick = findViewById(R.id.btnClick);
25         btnClick.setOnClickListener((View v) -> {
26             //to display message
27             String result= "You Select";
28             if (rbAndroid.isChecked())
29                 Toast.makeText(RadioButtonActivity.this, "YOU SELECT ANDROID", Toast.LENGTH_SHORT).show();
30             if (rbPhp.isChecked())
31                 Toast.makeText(RadioButtonActivity.this, "YOU SELECT PHP", Toast.LENGTH_SHORT).show();
32             if (rbAngular.isChecked())
33                 Toast.makeText(RadioButtonActivity.this, "YOU SELECT ANGULAR", Toast.LENGTH_SHORT).show();
34             if (rbIos.isChecked())
35                 Toast.makeText(RadioButtonActivity.this, "YOU SELECT IOS", Toast.LENGTH_SHORT).show();
36         });
37     }
38 }

```