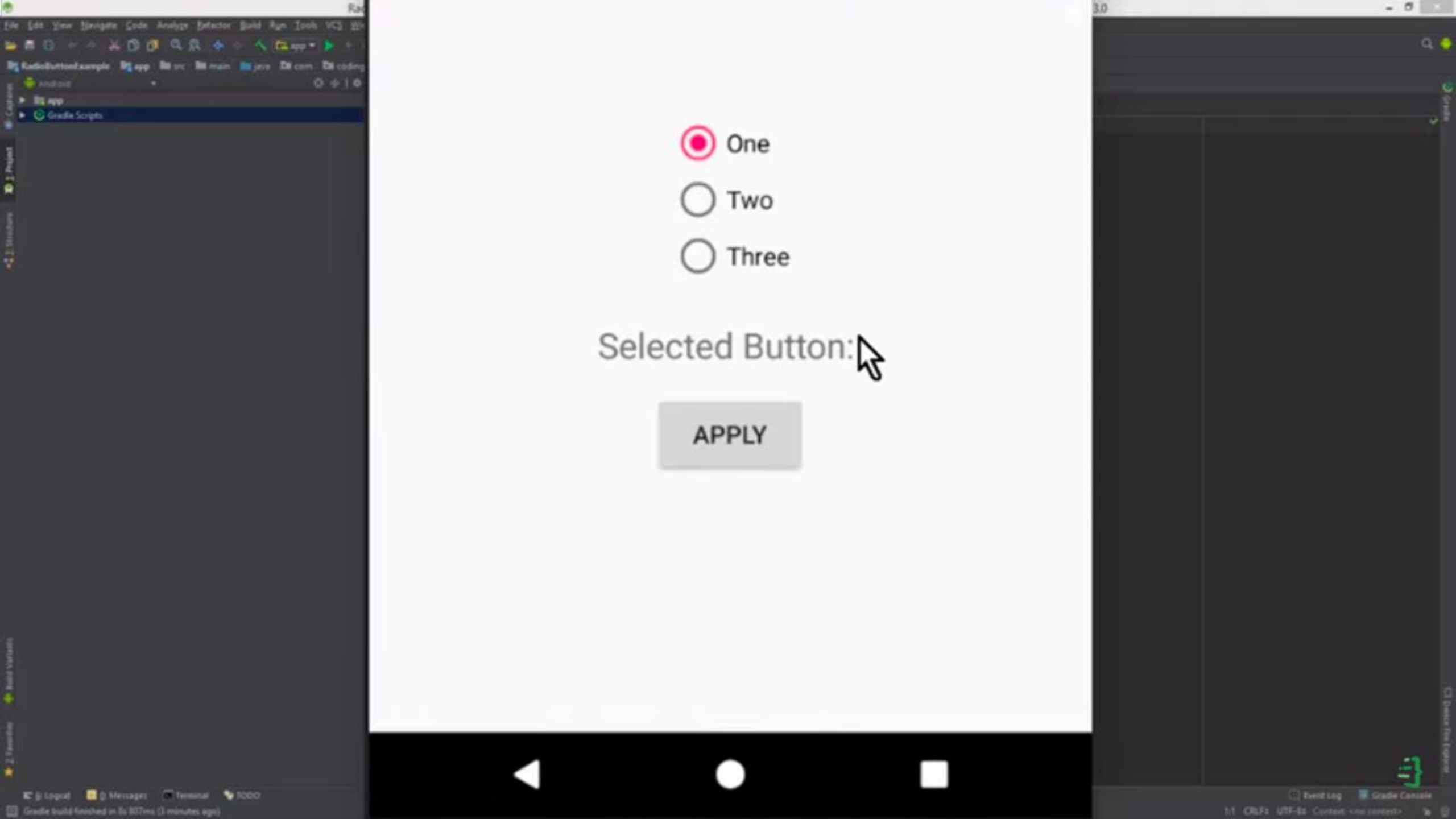
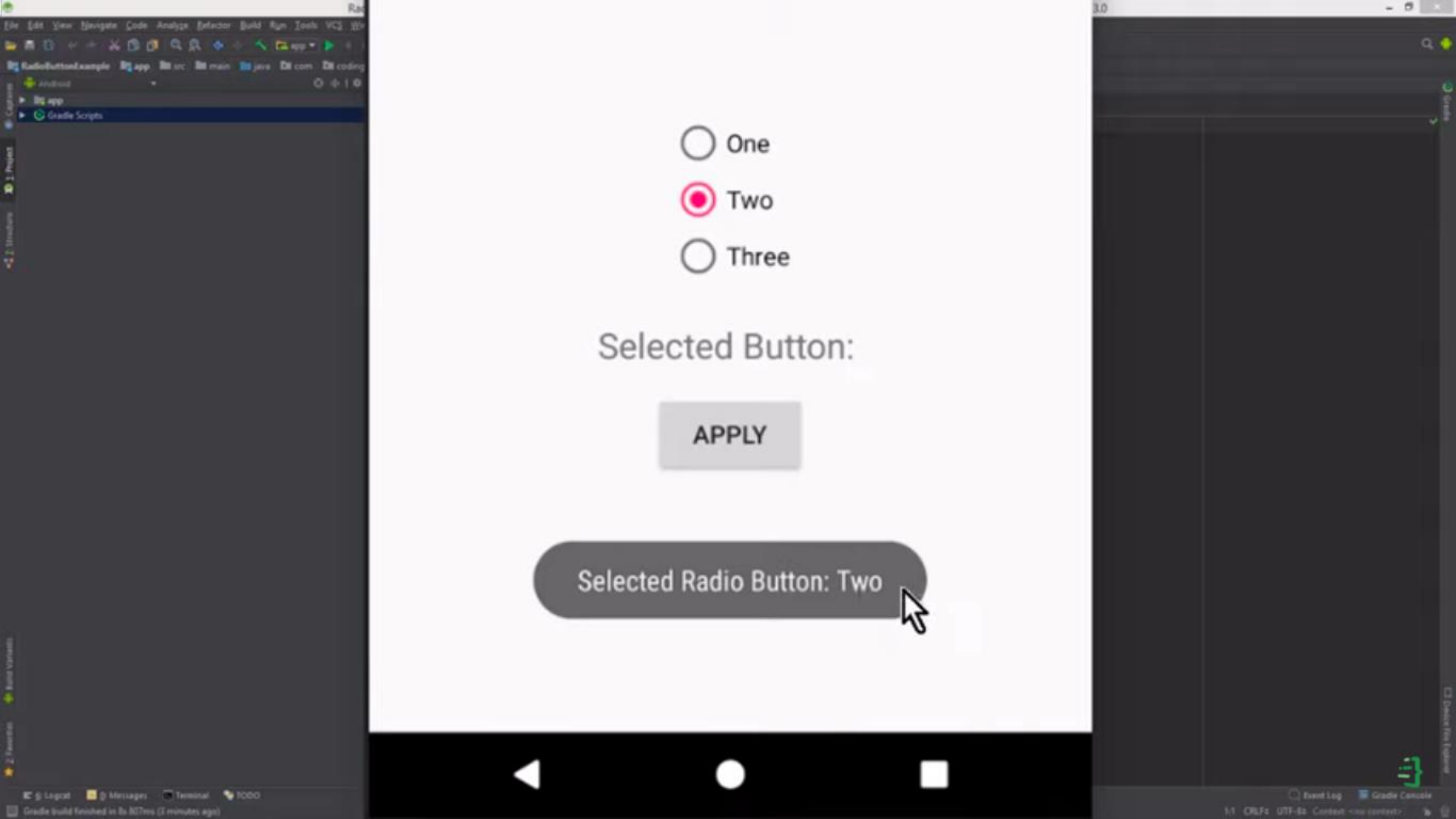
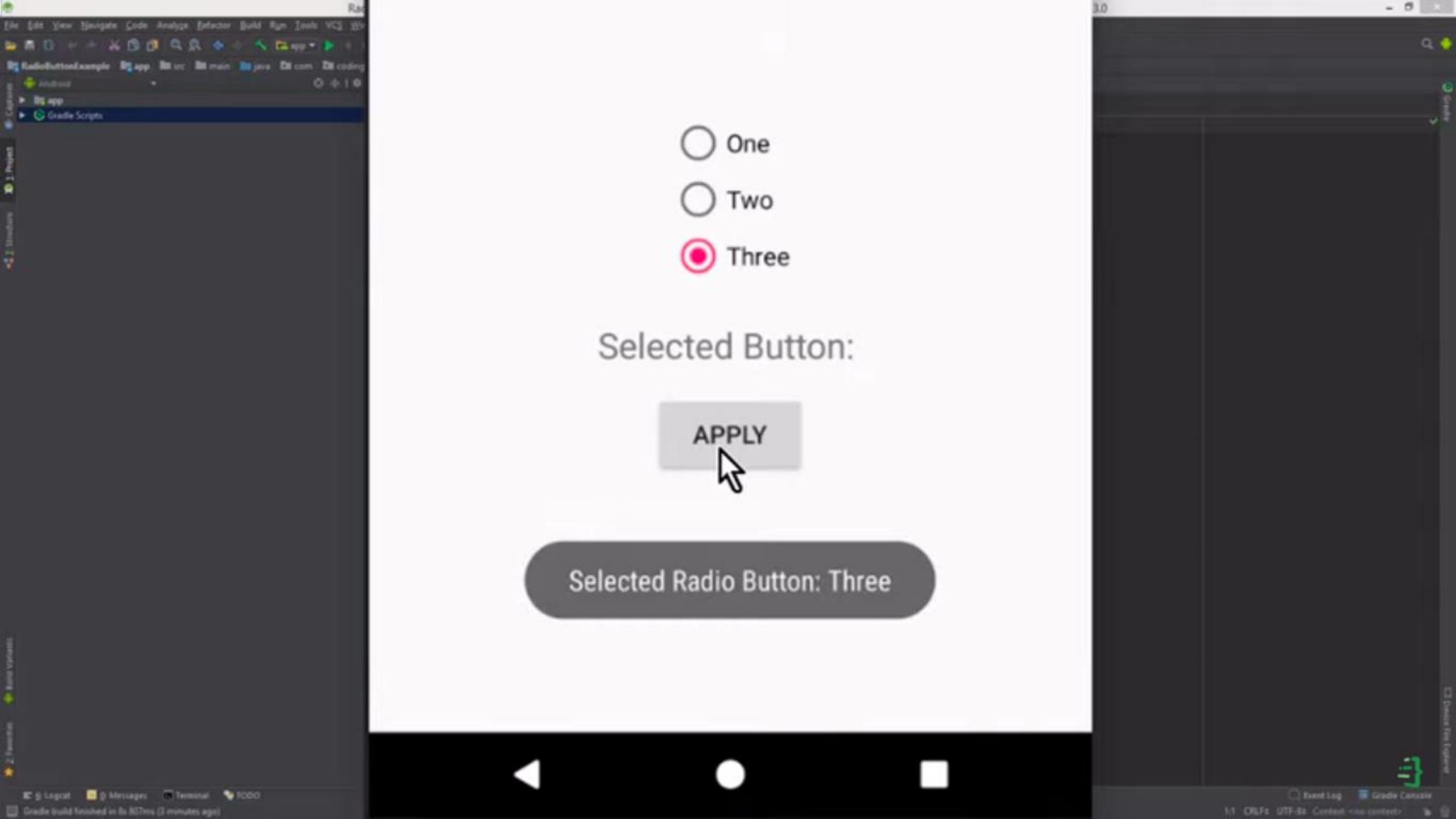
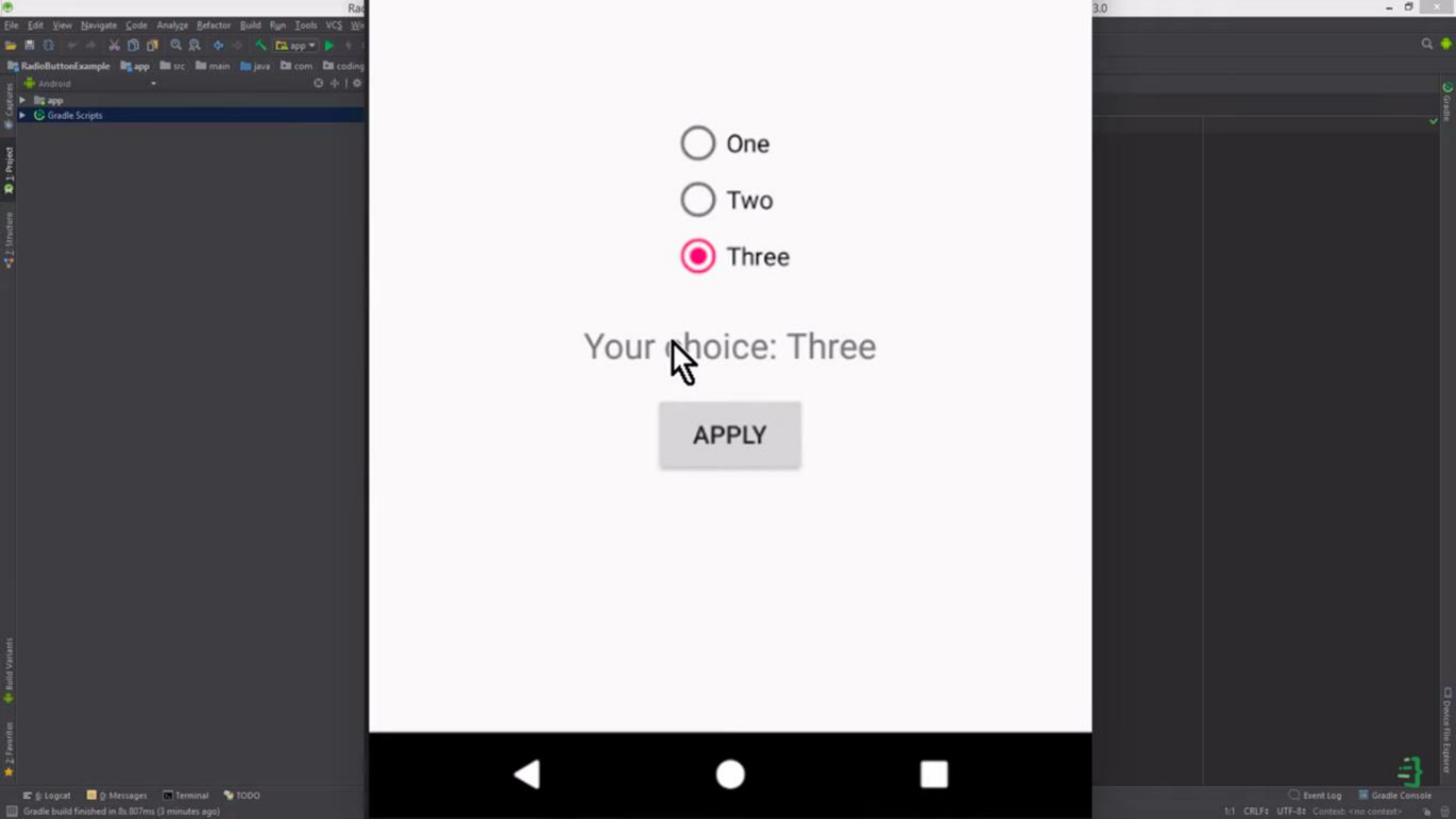
Radio Button

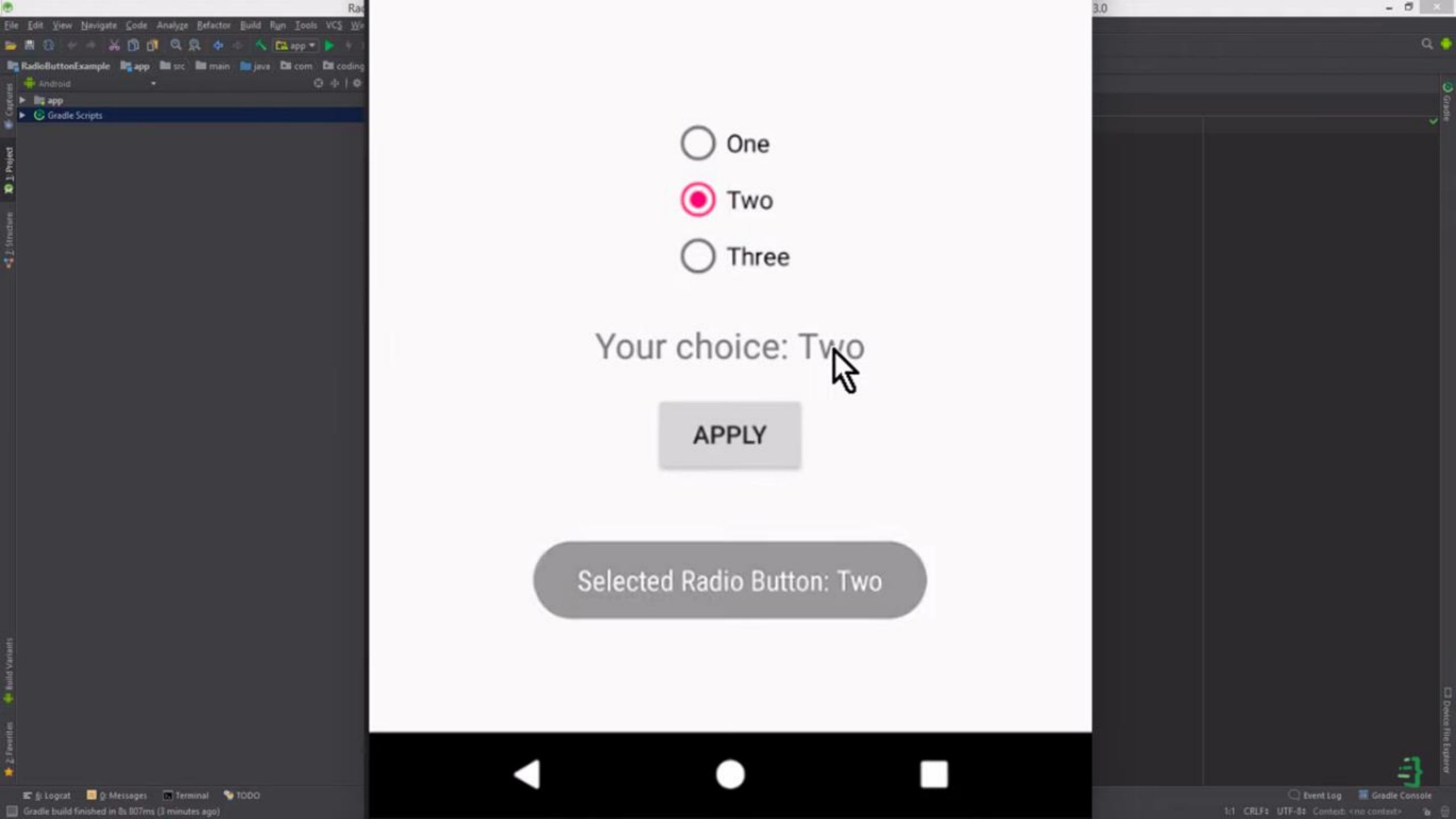
Dhanya N.M.

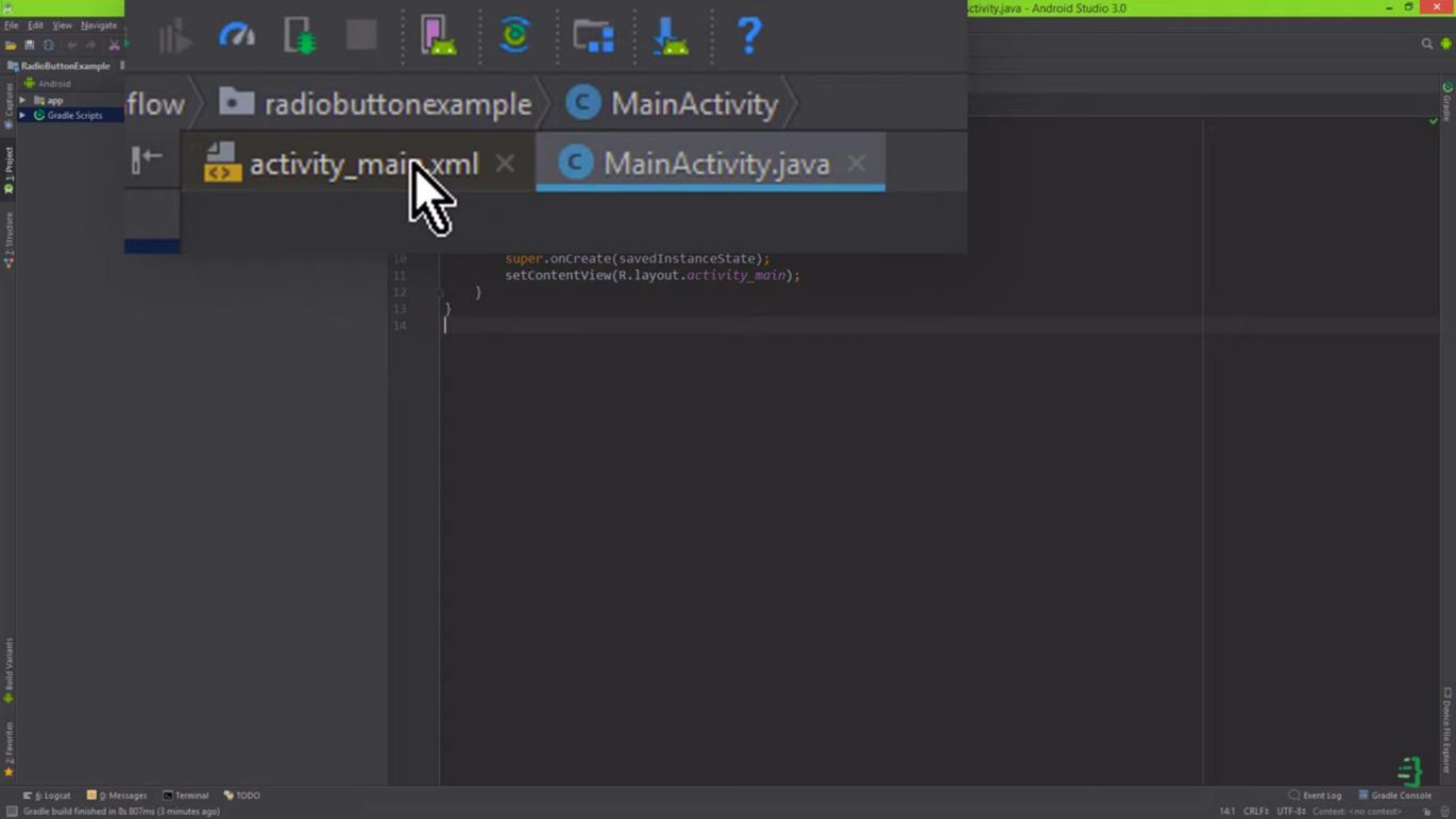

One
Two
Three
Selected Button:
APPLY


One
Two
Three
Selected Button:
APPLY
Selected Radio Button: Two


One
Two
Three
Selected Button:
APPLY
Selected Radio Button: Three


One
Two
Three
Your choice: Three
APPLY


One
Two
Three
Your choice: Two
APPLY
Selected Radio Button: Two


ctivity.java - Android Studio 3.0
File Edit View Navigate
RadioButtonExample
Android
app
Gradle Scripts
flow
radiobuttonexample
MainActivity
activity_main.xml
MainActivity.java
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
}
}
Logcat
Messages
Terminal
TODO
Event Log
Gradle Console
Gradle build finished in 8s 807ms (3 minutes ago)
14:1 CRLF UTF-8 Context: <no context>

```
<RelativeLayout xmlns:android="http://schemas.andr
    xmlns:app="http://schemas.android.com/apk/res-
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.codinginflow.radiobuttonexa



</RelativeLayout>
```

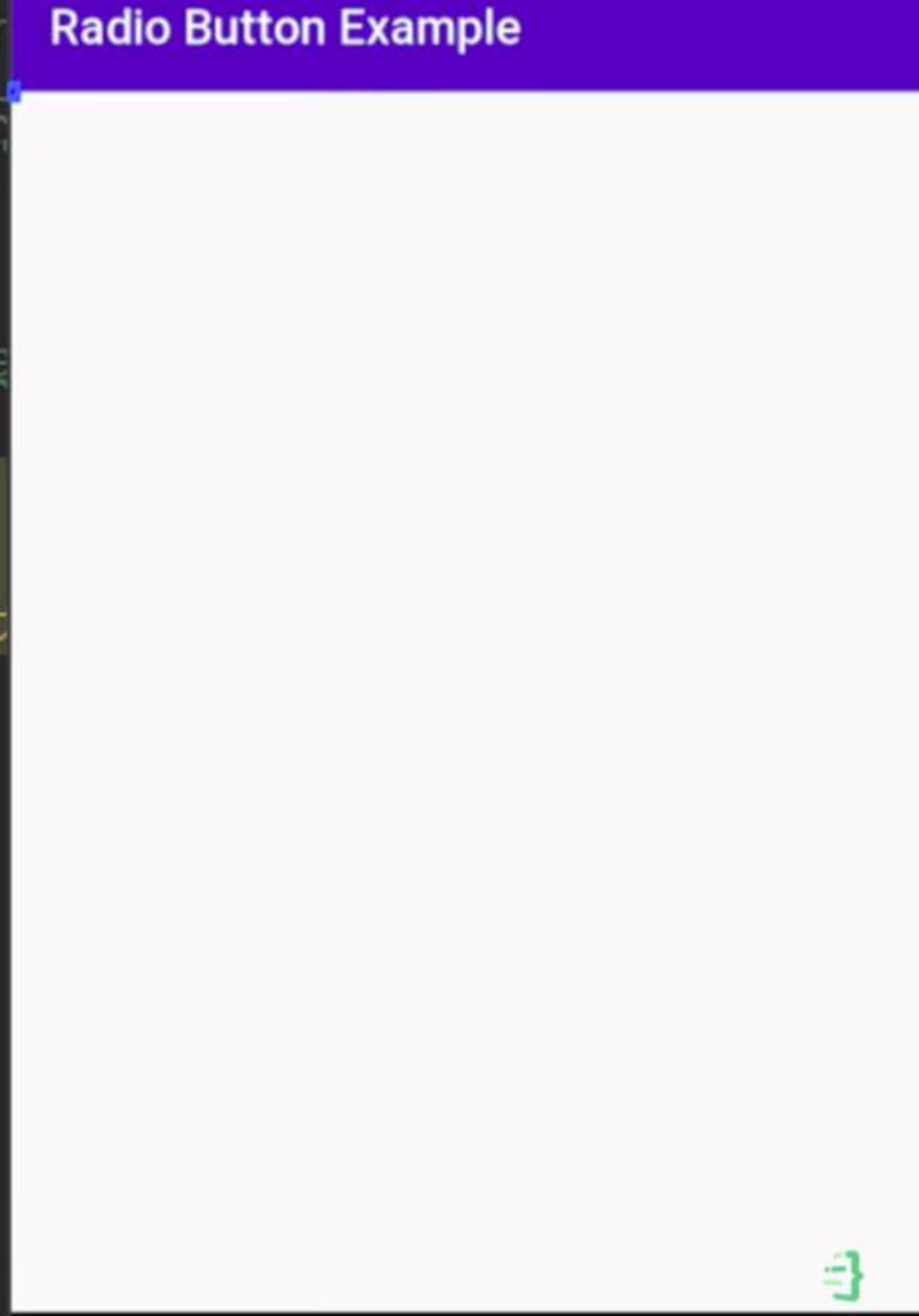
```
<RelativeLayout xmlns:android="http://schemas.andr
    xmlns:app="http://schemas.android.com/apk/res-
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.codinginflow.radiobuttonexa

    <Ra
</R
```

- RadioButton
- RadioGroup
- RatingBar
- FrameLayout
- android.support.v7.widget.AppCompatRadioButtc
- android.support.v7.widget.AppCompatRatingBar
- android.inputmethodservice.ExtractEditText
- android.support.constraint.ConstraintLayout
- android.support.v4.app.FragmentTabHost
- android.support.v4.widget.DrawerLayout
- android.support.v7.view.menu.MenuItemWrapperI

Press Strg+Leertaste to view tags from other namespaces

Radio Button Example

```
<RelativeLayout xmlns:android="http://schemas.andr
    xmlns:app="http://schemas.android.com/apk/res-
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.codinginflow.radiobuttonexa

    <RadioGroup
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"></Rad

</RelativeLayout>
```



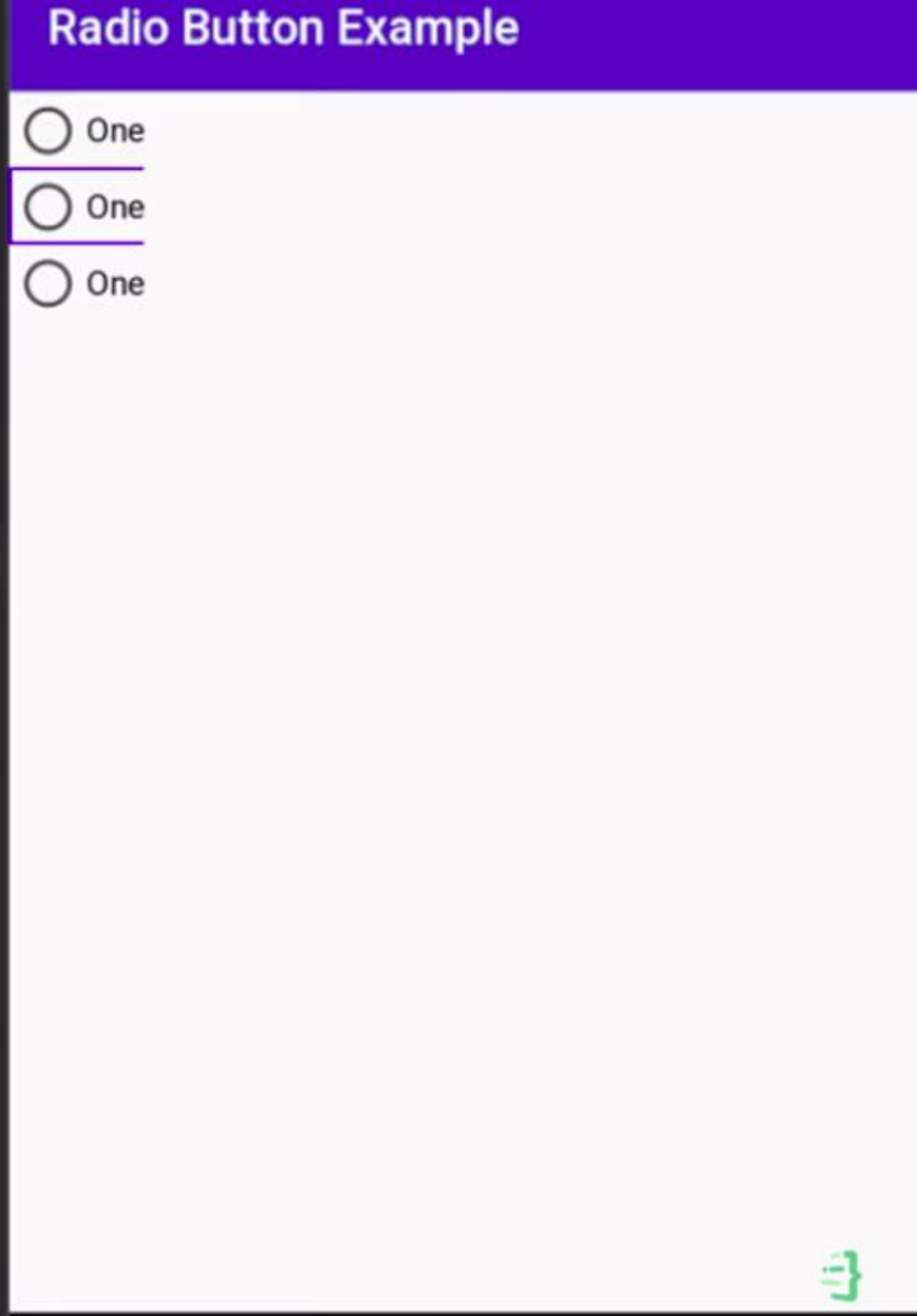
```
<RelativeLayout xmlns:android="http://schemas.andr
    xmlns:app="http://schemas.android.com/apk/res-
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.codinginflow.radiobuttonexa

    <RadioGroup
        android:layout_width="wrap_content"
        android:layout_height="wrap_content">

        |

    </RadioGroup>

</RelativeLayout>
```

```
<RelativeLayout xmlns:android="http://schemas.andr
    xmlns:app="http://schemas.android.com/apk/res-
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.codinginflow.radiobuttonexa

    <RadioGroup
        android:layout_width="wrap_content"
        android:layout_height="wrap_content">

        <RadioButton
            android:layout_width="wrap_content"
            android:layout_height="wrap_content" />

    </RadioGroup>

</RelativeLayout>
```

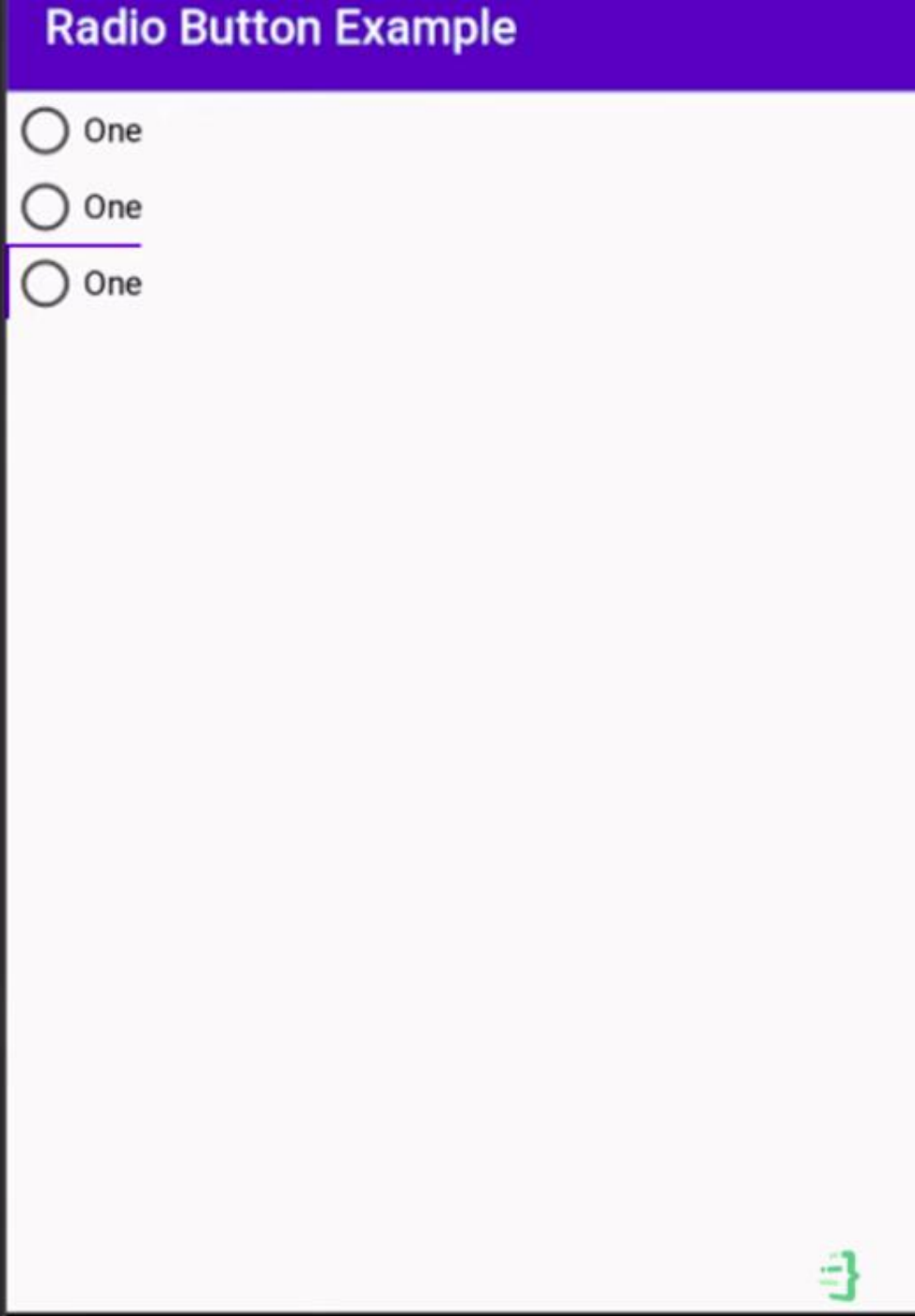
```
<RelativeLayout xmlns:android="http://schemas.andr
    xmlns:app="http://schemas.android.com/apk/res-
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.codinginflow.radiobuttonexa

    <RadioGroup
        android:layout_width="wrap_content"
        android:layout_height="wrap_content">

        <RadioButton
            android:id="@+id/radio_one"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="One"
            android:onClick="checkButton" />

    </RadioGroup>

</RelativeLayout>
```

Corresponding method handler 'public void checkButton(android.v

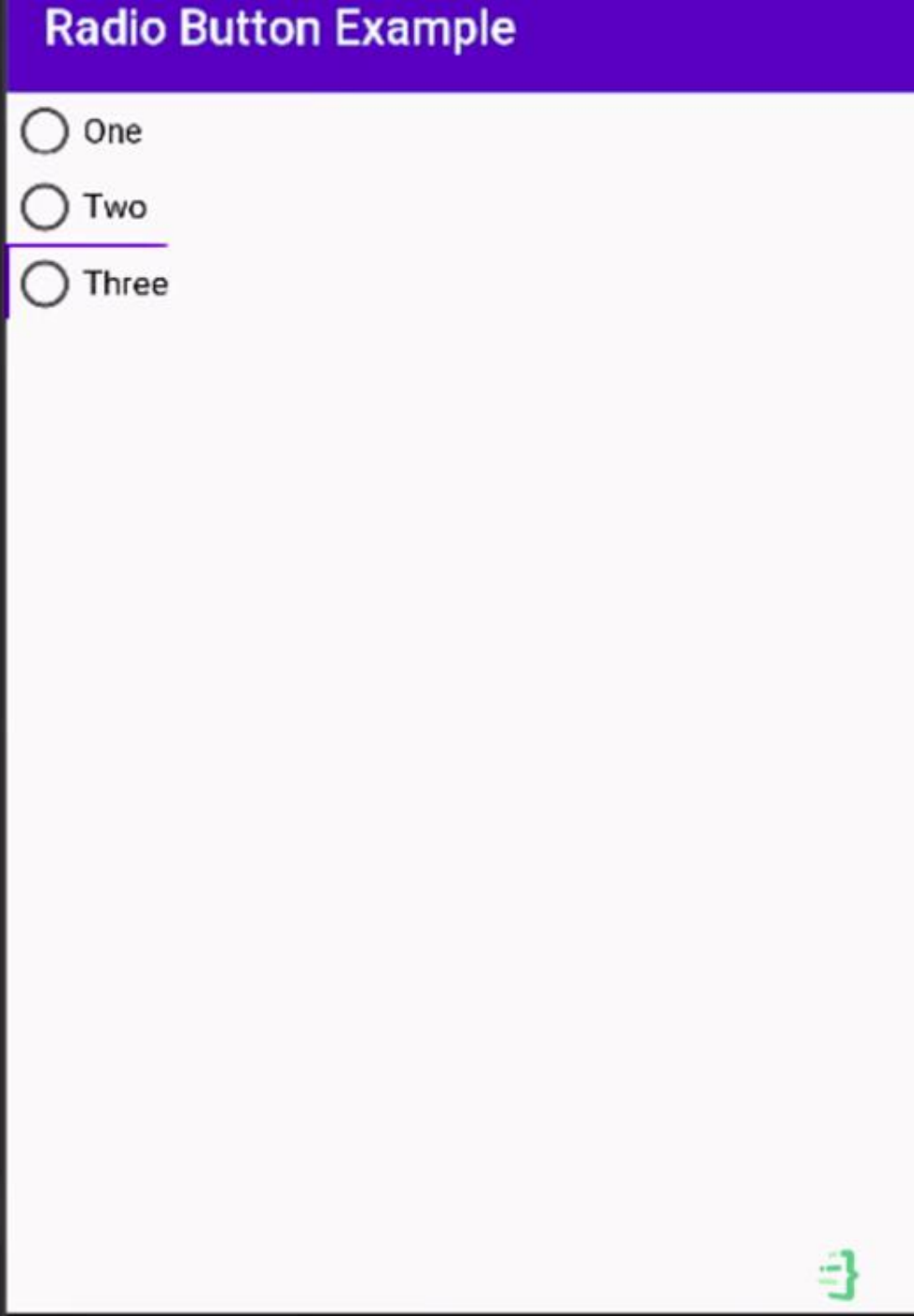
```
<RadioButton
    android:id="@+id/radio_one"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="One"
    android:onClick="checkButton"/>

<RadioButton
    android:id="@+id/radio_one"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="One"
    android:onClick="checkButton"/>

<RadioButton
    android:id="@+id/radio_one"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="One"
    android:onClick="checkButton"/>
```



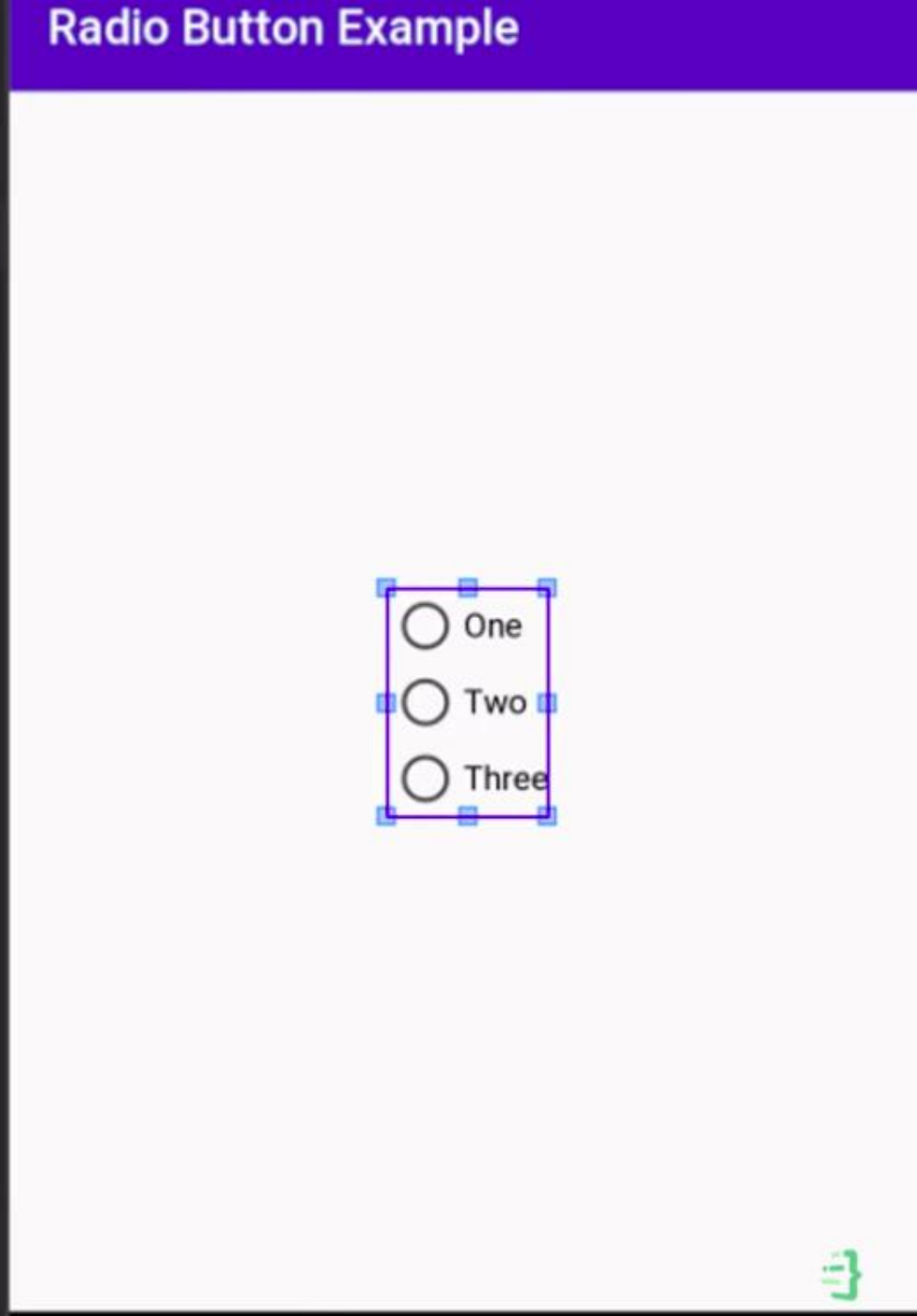
```
<RadioButton
    android:id="@+id/radio_one"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="One"
    android:onClick="checkButton"/>

<RadioButton
    android:id="@+id/radio_two"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="One"
    android:onClick="checkButton"/>

<RadioButton
    android:id="@+id/radio_three"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="One"
    android:onClick="checkButton"/>
```



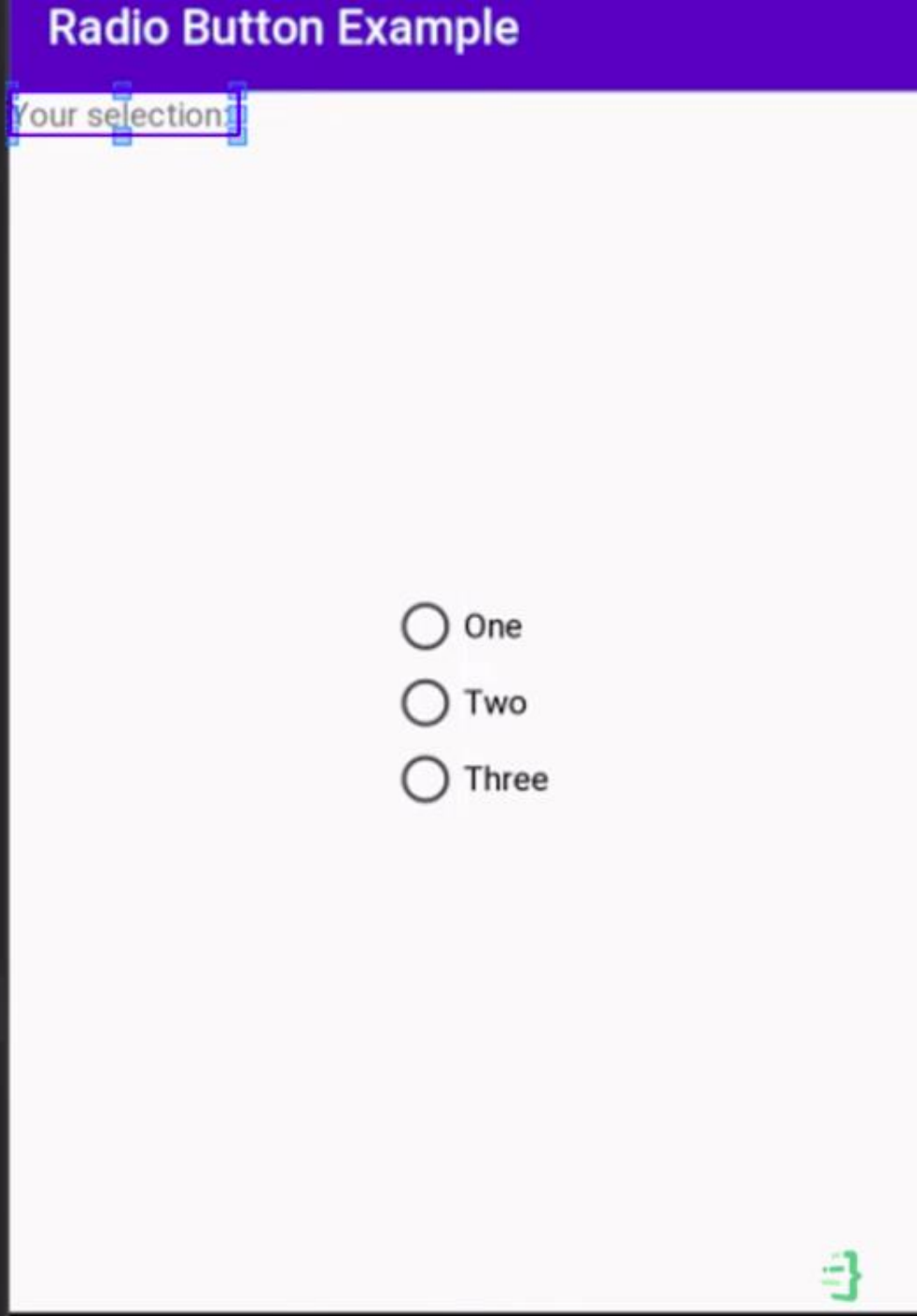
```
<RadioButton
    android:id="@+id/radio_one"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="One"
    android:onClick="checkButton"/>

<RadioButton
    android:id="@+id/radio_two"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Two"
    android:onClick="checkButton"/>

<RadioButton
    android:id="@+id/radio_three"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Three"
    android:onClick="checkButton"/>
```



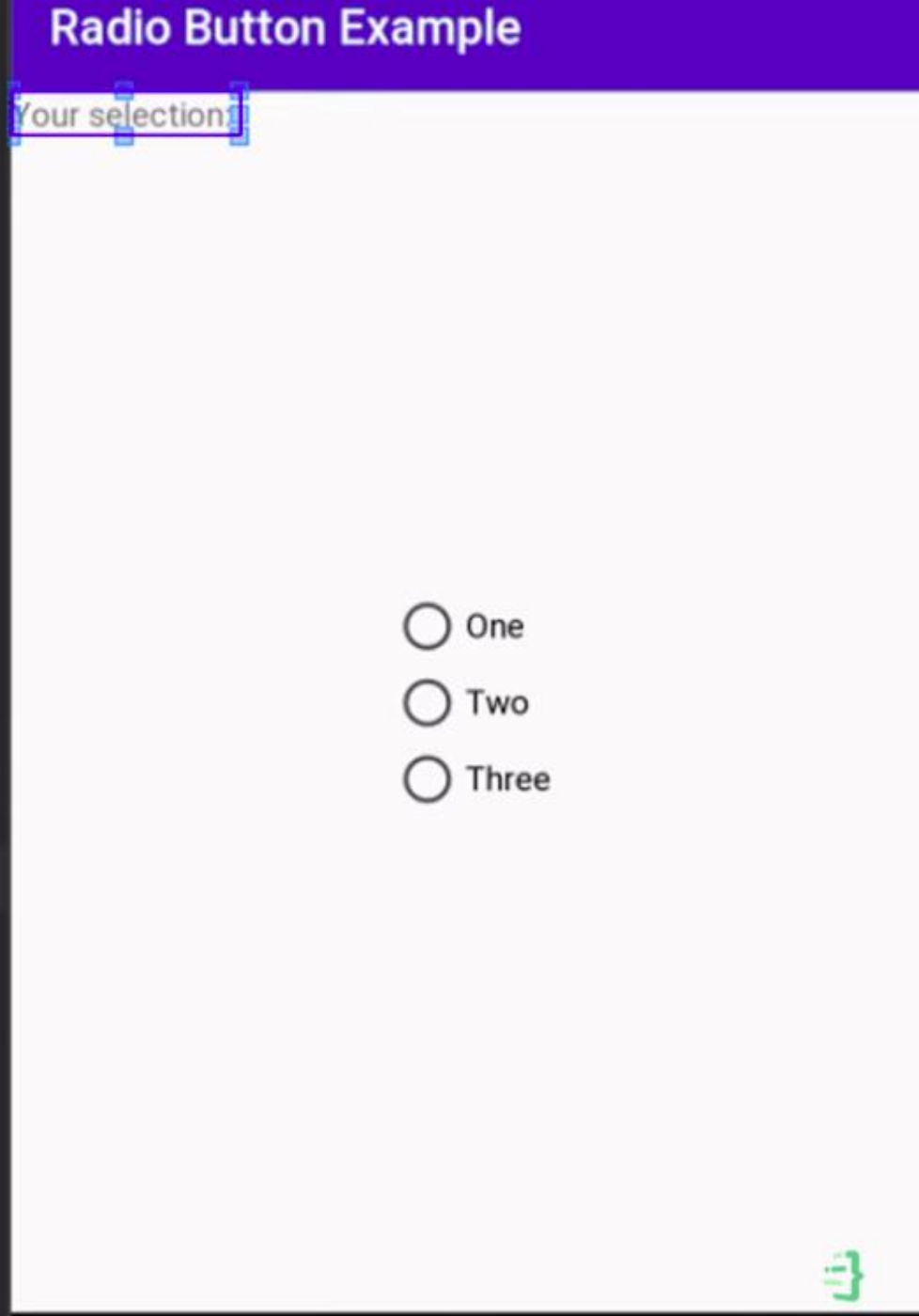
```
<RadioGroup
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerInParent="true">

    <RadioButton
        android:id="@+id/radio_one"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="One"
        android:onClick="checkButton"/>

    <RadioButton
        android:id="@+id/radio_two"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Two"
        android:onClick="checkButton"/>

    <RadioButton
```



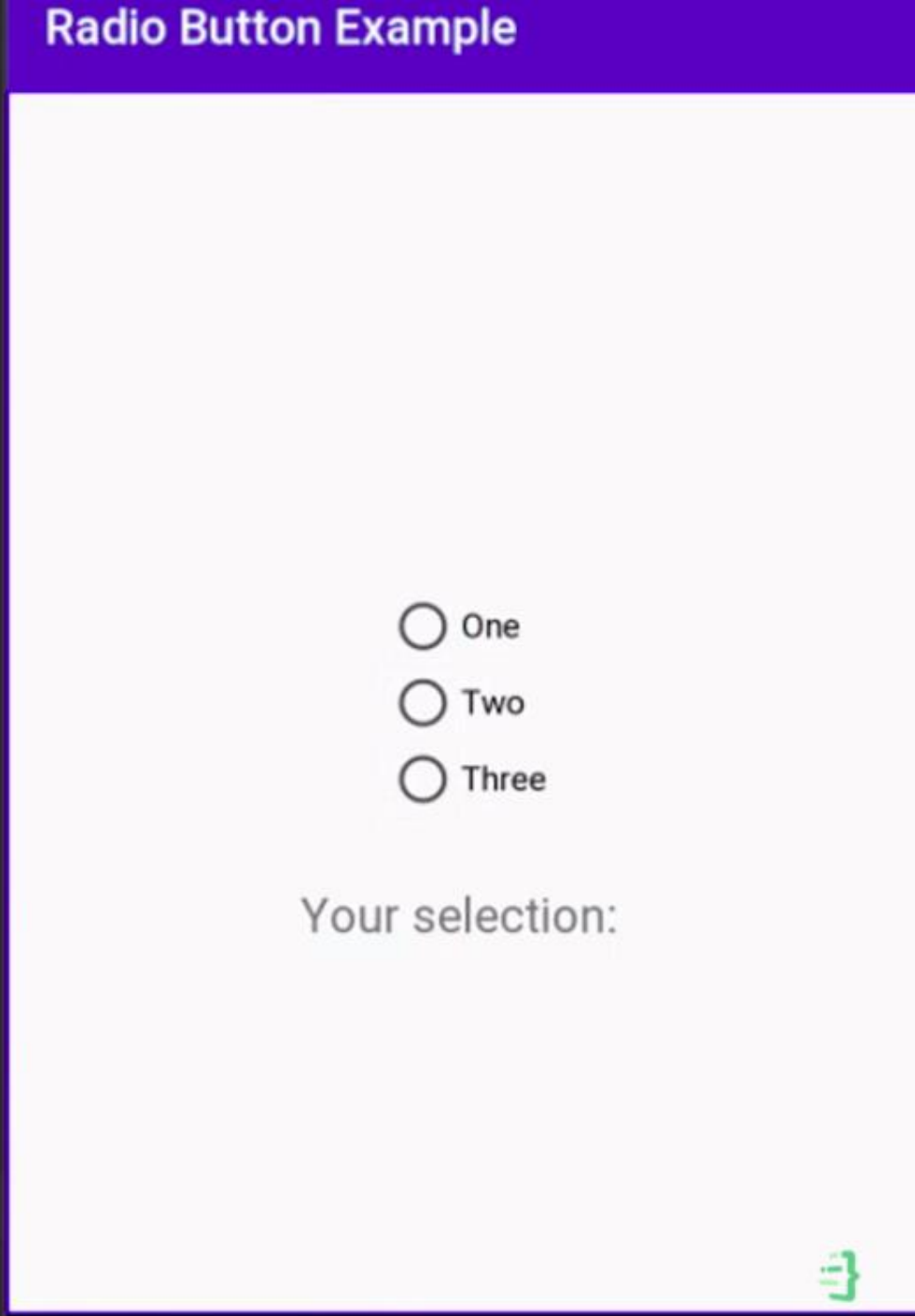
```
            android:text="Two"
            android:onClick="checkButton"/>

        <RadioButton
            android:id="@+id/radio_three"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Three"
            android:onClick="checkButton"/>

    </RadioGroup>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Your selection: "/>

</RelativeLayout>
```



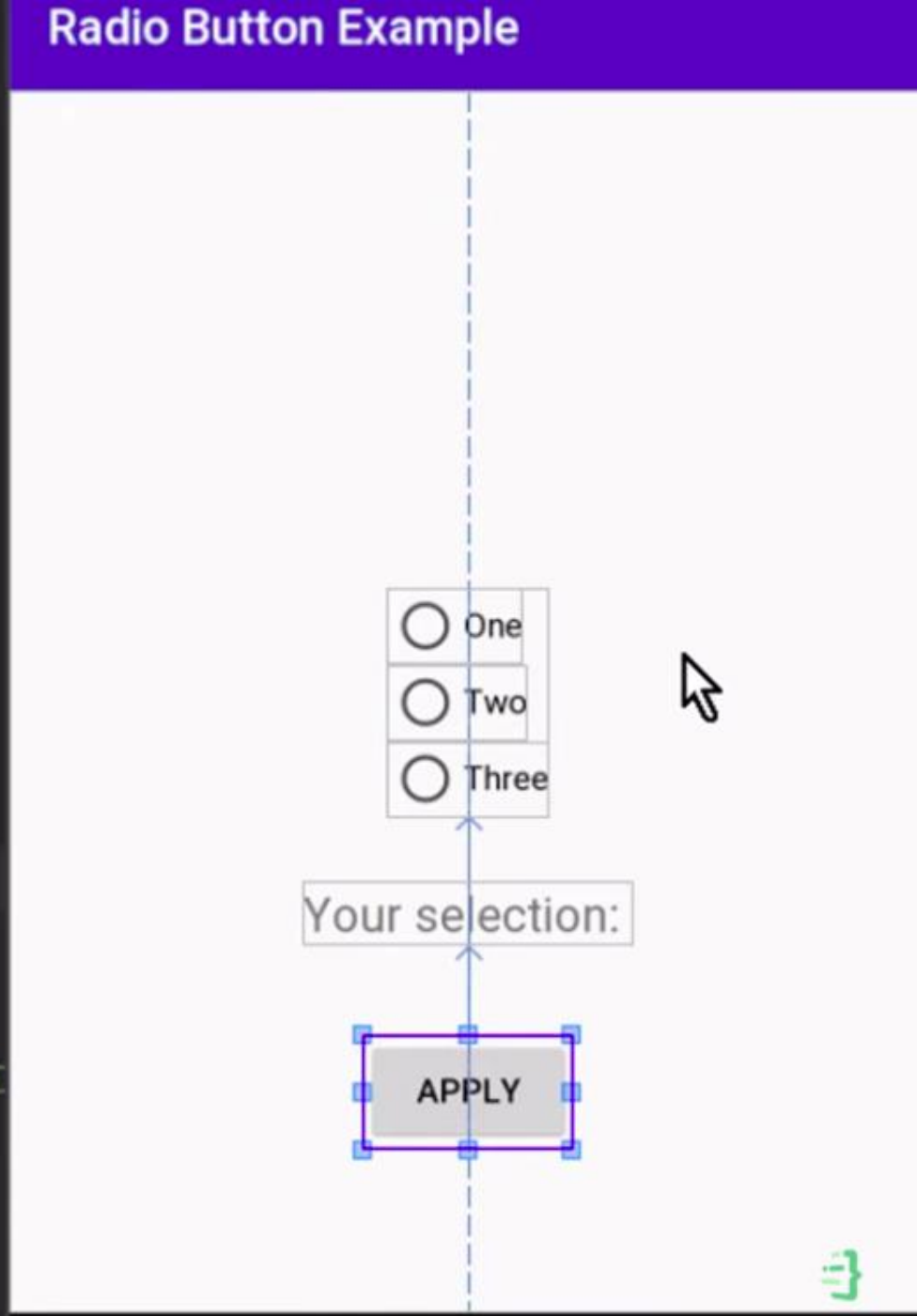
```
            android:text="Two"
            android:onClick="checkButton"/>

        <RadioButton
            android:id="@+id/radio_three"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Three"
            android:onClick="checkButton"/>

    </RadioGroup>

    <TextView
        android:id="@+id/text_view_selected"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Your selection: "/>

</RelativeLayout>
```



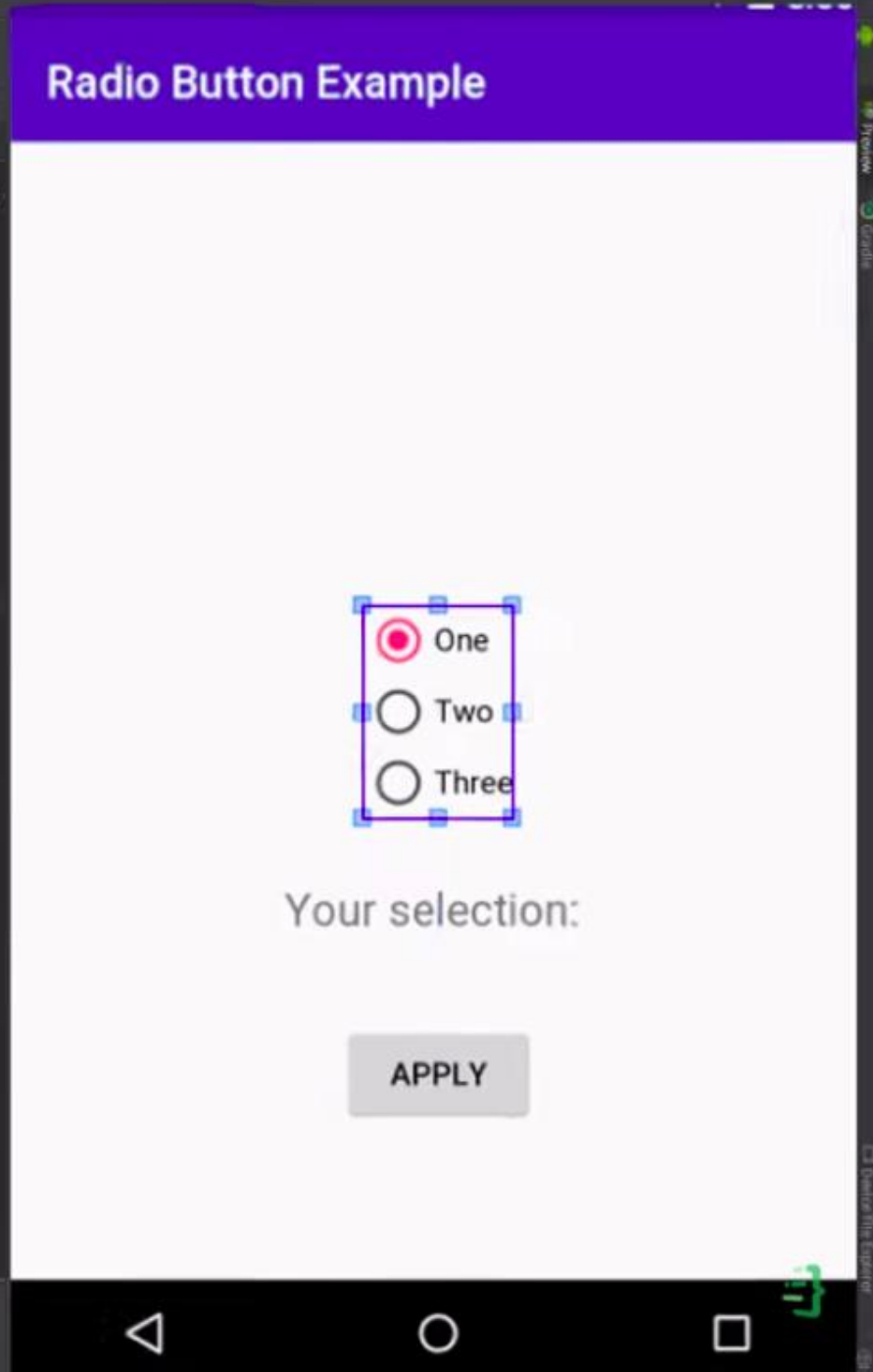
```
    <RadioButton
        android:id="@+id/radio_three"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Three"
        android:onClick="checkButton"/>

</RadioGroup>

<TextView
    android:id="@+id/text_view_selected"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@+id/radioGroup"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="27dp"
    android:text="Your selection: "
    android:textSize="20sp" />

</RelativeLayout>
```



```
</RadioGroup>

<TextView
    android:id="@+id/text_view_selected"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@+id/radioGroup"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="27dp"
    android:text="Your selection: "
    android:textSize="20sp" />

<Button
    android:id="@+id/button_apply"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@+id/text_view_selec
    android:layout_centerHorizontal="true"
    android:layout_marginTop="37dp"
    android:text="apply" />
```



```
<RadioGroup
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerInParent="true"
    android:id="@+id/radioGroup">

    <RadioButton
        android:id="@+id/radio_one"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="One"
        android:onClick="checkButton"
        android:checked="true"/>

    <RadioButton
        android:id="@+id/radio_two"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Two"
        android:onClick="checkButton"/>
```



MainActivity

```java
package com.codinginflow.radiobuttonexample;

import ...

public class MainActivity extends AppCompatActivity {

    RadioGroup radioGroup;
    RadioButton radioButton;
    TextView textView;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
}
```

```java
public class MainActivity extends AppCompatActivity {

    RadioGroup radioGroup;
    RadioButton radioButton;
    TextView textView;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        radioGroup = findViewById(R.id.radioGroup);
        textView = findViewById(R.id.text_view_selected);
    }
}
```

```
13      RadioGroup radioGroup;
14      RadioButton radioButton;
15      TextView textView;
16
17      @Override
18      protected void onCreate(Bundle savedInstanceState) {
19          super.onCreate(savedInstanceState);
20          setContentView(R.layout.activity_main);
21
22          radioGroup = findViewById(R.id.radioGroup);
23          textView = findViewById(R.id.text_view_selected);
24
25          Button buttonApply = findViewById(R.id.button_apply);
26          buttonApply.setOnClickListener(new View.OnClickListener() {
27              @Override
28              public void onClick(View v) {
29                  |
30              }
31          });
32      }
33  }
```

```
17      @Override
18      protected void onCreate(Bundle savedInstanceState) {
19          super.onCreate(savedInstanceState);
20          setContentView(R.layout.activity_main);
21
22          radioGroup = findViewById(R.id.radioGroup);
23          textView = findViewById(R.id.text_view_selected);
24
25          Button buttonApply = findViewById(R.id.button_apply);
26          buttonApply.setOnClickListener(new View.OnClickListener() {
27              @Override
28              public void onClick(View v) {
29
30              }
31          });
32      }
33  }
34
```

```
23          textView = findViewById(R.id.text_view_selected);
24
25          Button buttonApply = findViewById(R.id.button_apply);
26          buttonApply.setOnClickListener(new View.OnClickListener() {
27              @Override
28              public void onClick(View v) {
29
30              }
31          });
32      }
33
34      public void checkButton(View v) {
35
36      }
37  }
38
```

```
23          textView = findViewById(R.id.text_view_selected);
24
25          Button buttonApply = findViewById(R.id.button_apply);
26          buttonApply.setOnClickListener(new View.OnClickListener() {
27              @Override
28              public void onClick(View v) {
29
30              }
31          });
32      }
33
34      public void checkButton(View v) {
35          int radioId = radioGroup.getCheckedRadioButtonId();
36      }
37  }
38
```

```
23          textView = findViewById(R.id.text_view_selected);
24
25          Button buttonApply = findViewById(R.id.button_apply);
26          buttonApply.setOnClickListener(new View.OnClickListener() {
27              @Override
28              public void onClick(View v) {
29
30              }
31          });
32      }
33
34      public void checkButton(View v) {
35          int radioId = radioGroup.getCheckedRadioButtonId();
36
37          radioButton = findViewById(radioId);
38      }
39  }
40
```

```
24          textView = findViewById(R.id.text_view_selected);
25
26          Button buttonApply = findViewById(R.id.button_apply);
27          buttonApply.setOnClickListener(new View.OnClickListener() {
28              @Override
29              public void onClick(View v) {
30
31              }
32          });
33      }
34
35      public void checkButton(View v) {
36          int radioId = radioGroup.getCheckedRadioButtonId();
37
38          radioButton = findViewById(radioId);
39
40          Toast.makeText( context: this, "Selected Radio Button: " + )
41      }
42  }
43
```

Context context, **CharSequence text**, int dura
Context context, **@StringRes int resId**, int du

```
text_view_selected);

ById(R.id.button_apply);
r(new View.OnClickListener() {

v) {




heckedRadioButtonId();

dioId);

"Selected Radio Button: " + radioButton.getText())
```

Context context, **CharSequence text**, int duration
Context context, **@StringRes int resId**, int duration

```
text_view_selected);

ById(R.id.button_apply);
r(new View.OnClickListener() {

v) {




heckedRadioButtonId();

dioId);

text: "Selected Radio Button: " + radioButton.getText(), Toast.LENGTH_SHORT).show();
```

```
24          textView = findViewById(R.id.text_view_selected);
25
26          Button buttonApply = findViewById(R.id.button_apply);
27          buttonApply.setOnClickListener(new View.OnClickListener() {
28              @Override
29              public void onClick(View v) {
30                  int radioId = radioGroup.getCheckedRadioButtonId();
31
32                  radioButton = findViewById(radioId);
33              }
34          });
35      }
36
37      public void checkButton(View v) {
38          int radioId = radioGroup.getCheckedRadioButtonId();
39
40          radioButton = findViewById(radioId);
41
42          Toast.makeText( context: this,  text: "Selected Radio Button: " + radioB
43      }
44  }
```

```
24          textView = findViewById(R.id.text_view_selected);
25
26          Button buttonApply = findViewById(R.id.button_apply);
27          buttonApply.setOnClickListener(new View.OnClickListener() {
28              @Override
29              public void onClick(View v) {
30                  int radioId = radioGroup.getCheckedRadioButtonId();
31
32                  radioButton = findViewById(radioId);
33
34                  textView.setText("Your choice: " + radioButton.getText());
35              }
36          });
37      }
38
39      public void checkButton(View v) {
40          int radioId = radioGroup.getCheckedRadioButtonId();
41
42          radioButton = findViewById(radioId);
43
44          Toast.makeText( context: this,  text: "Selected Radio Button: " + radioB
```