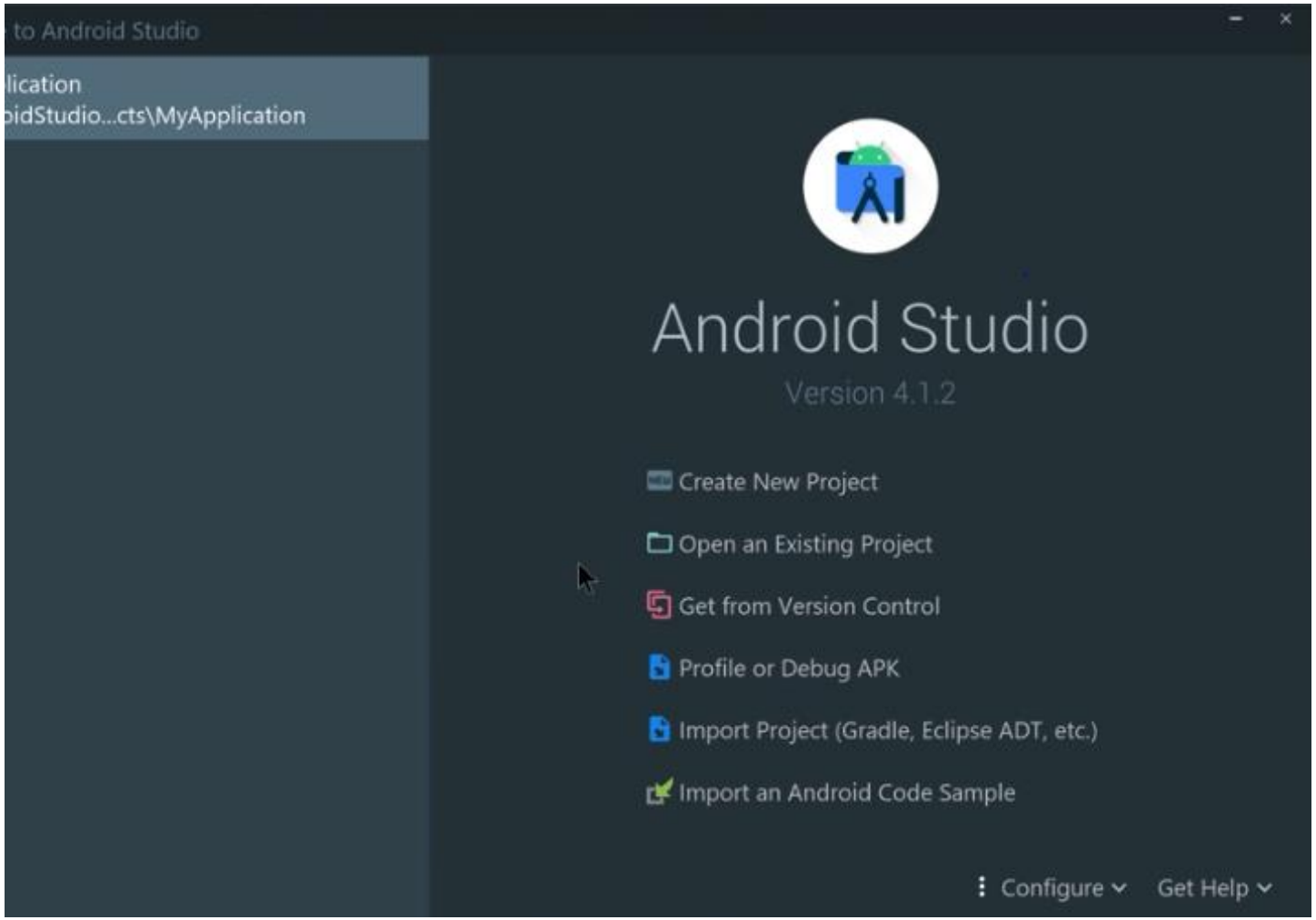
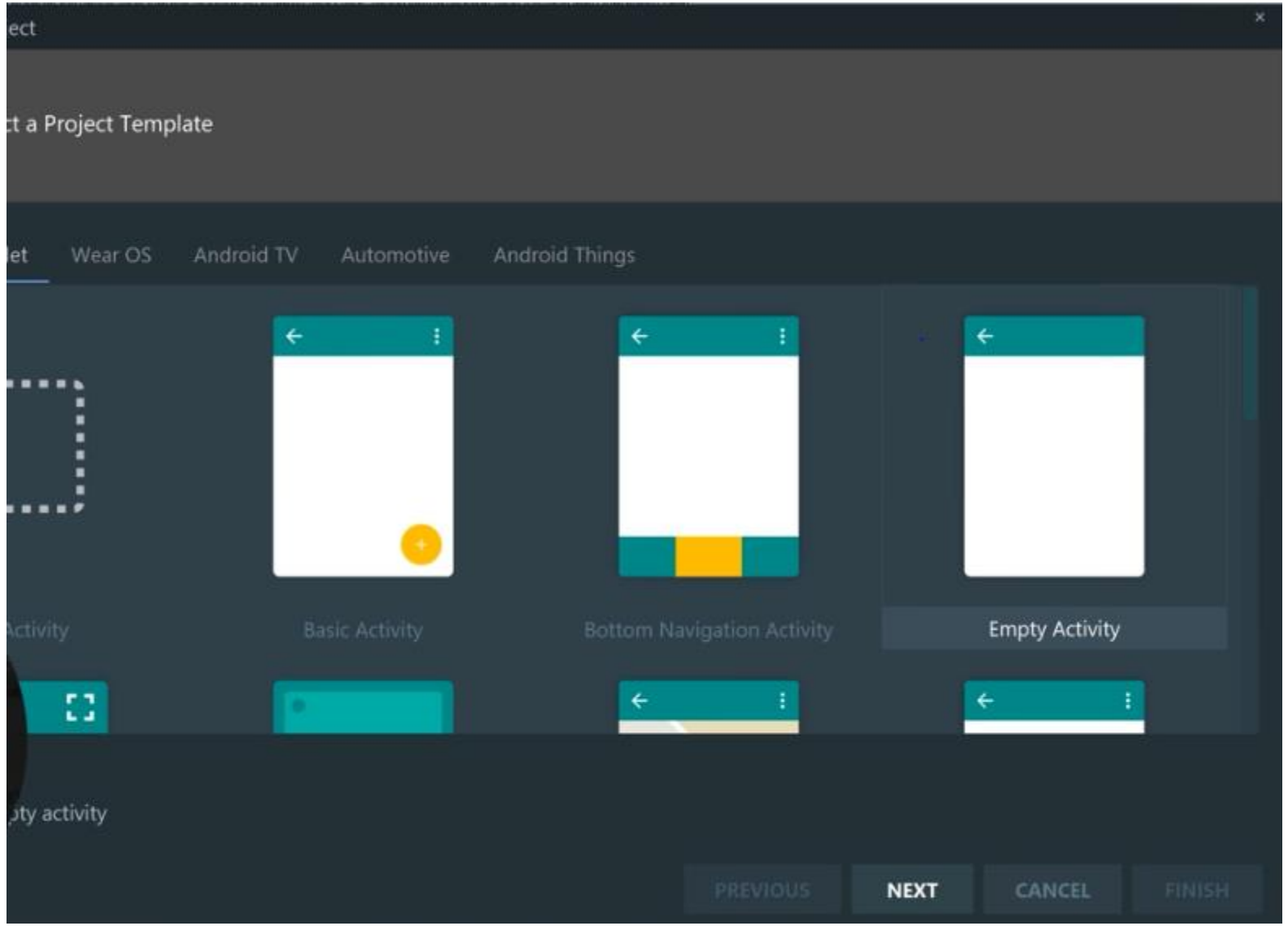
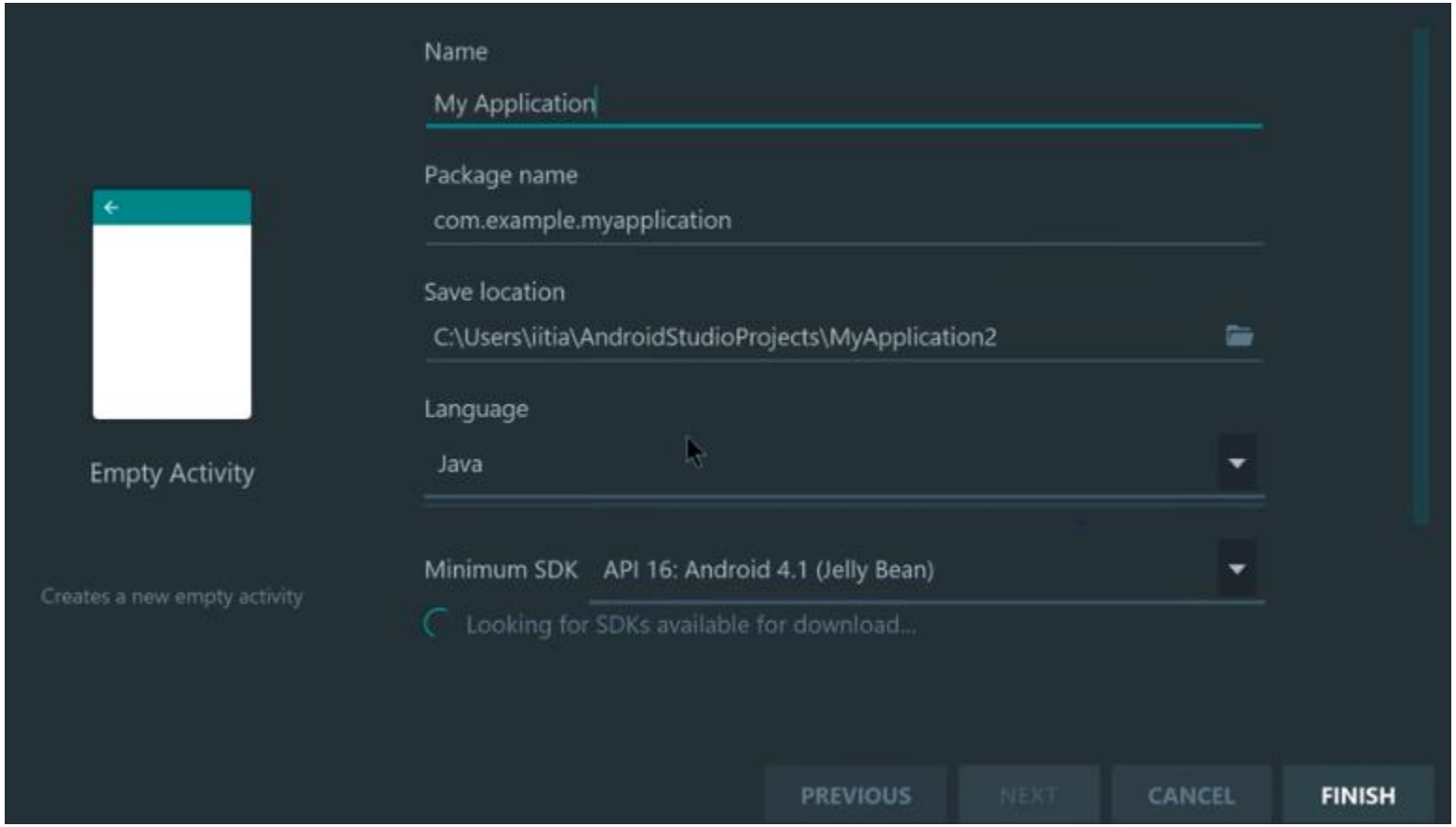
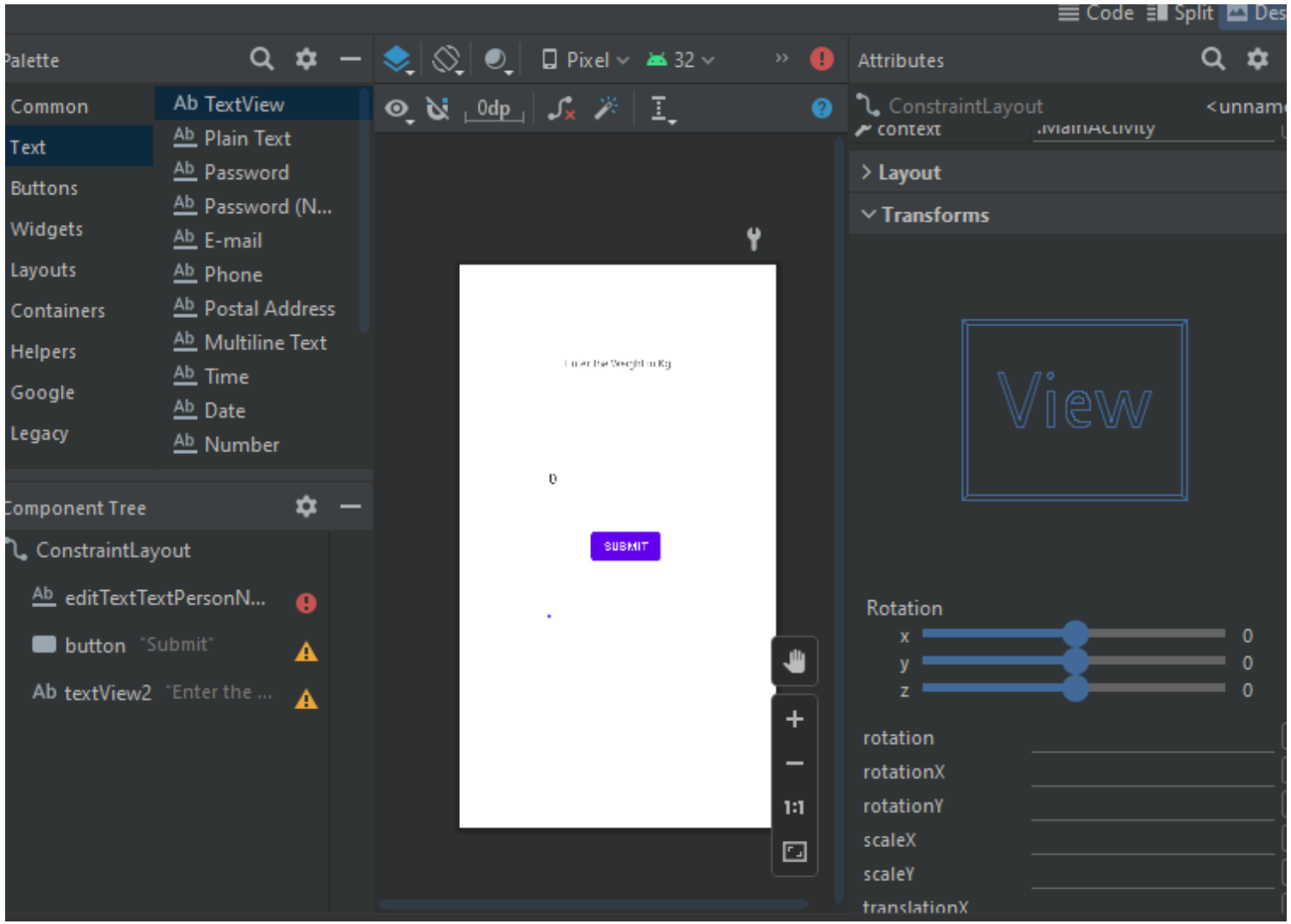
Andriod Programming


to Android Studio
lication
oidStudio...cts\MyApplication
Android Studio
Version 4.1.2
Create New Project
Open an Existing Project
Get from Version Control
Profile or Debug APK
Import Project (Gradle, Eclipse ADT, etc.)
Import an Android Code Sample
Configure
Get Help


ect
t a Project Template
let
Wear OS
Android TV
Automotive
Android Things
Basic Activity
Bottom Navigation Activity
Empty Activity
PREVIOUS
NEXT
CANCEL
FINISH

-Name your application
-Change the location if required

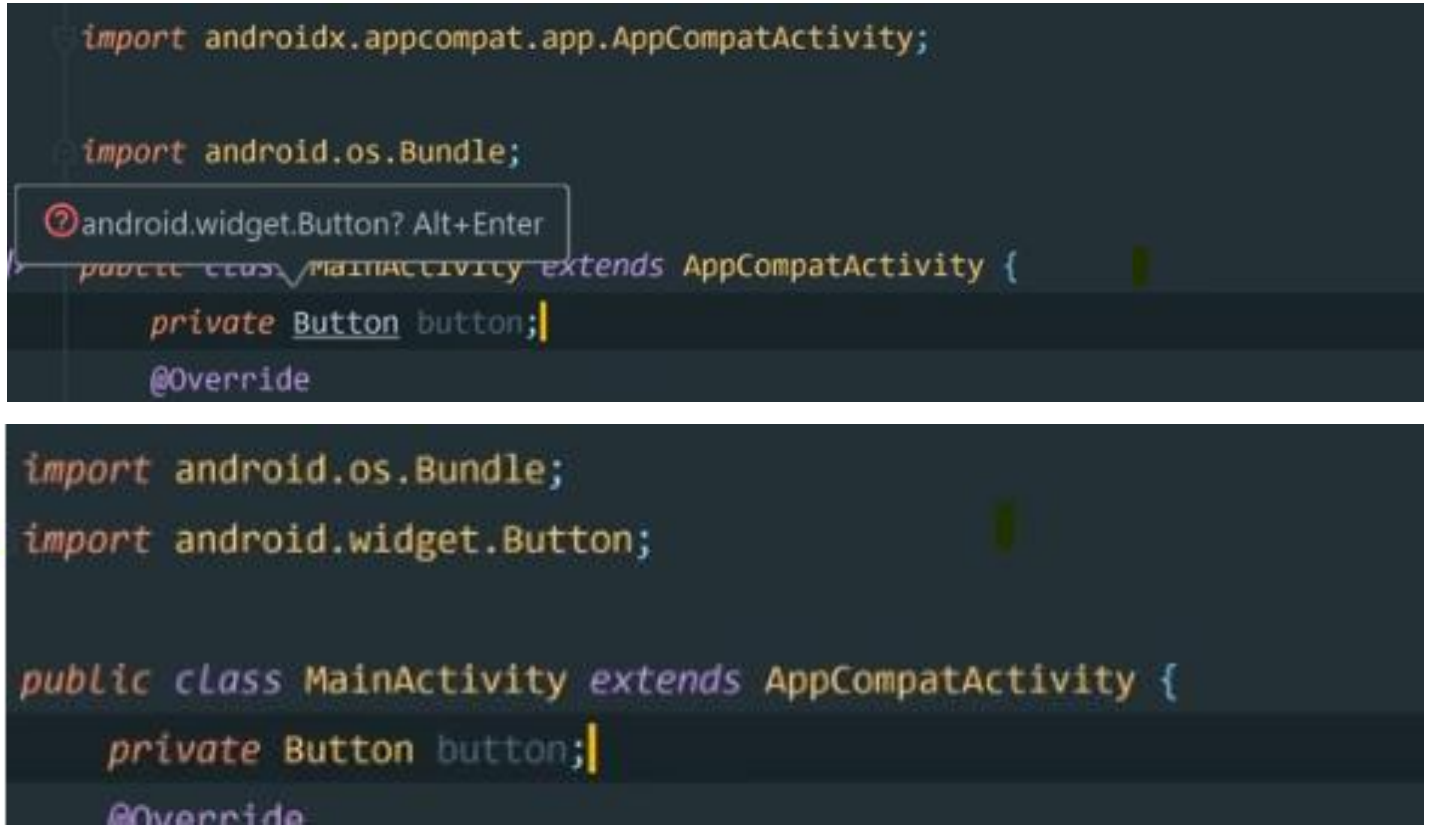



Code
Split
Des
Palette
Common
Text
Buttons
Widgets
Layouts
Containers
Helpers
Google
Legacy
Ab TextView
Ab Plain Text
Ab Password
Ab Password (N...
Ab E-mail
Ab Phone
Ab Postal Address
Ab Multiline Text
Ab Time
Ab Date
Ab Number
Component Tree
ConstraintLayout
editTextTextPersonN...
button "Submit"
textView2 "Enter the ...
Pixel
32
0dp
0
SUBMIT
1:1
Attributes
ConstraintLayout
context
Layout
Transforms
View
Rotation
x 0
y 0
z 0
rotation
rotationX
rotationY
scaleX
scaleY
translationX

- R.java file
  - Android R.java file contains resources IDs for all the resources.
  - It can be used to access from java file.

  Ex-

```
button = findViewById(R.Id.mybutton);
```



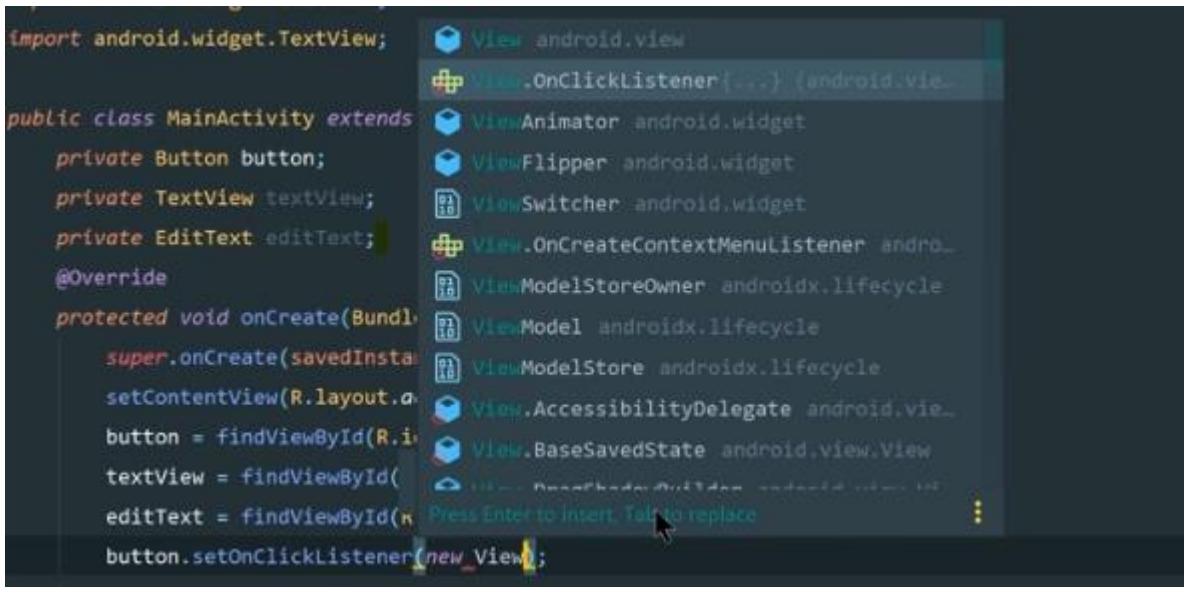
button = findViewById(R.Id.mybutton);

```java
import android.os.Bundle;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {
    private Button button;
    private TextView textView;
    private EditText editText;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        button = findViewById(R.id.button);
        textView = findViewById(R.id.textView);
    }
}
```

Adding Event Listener

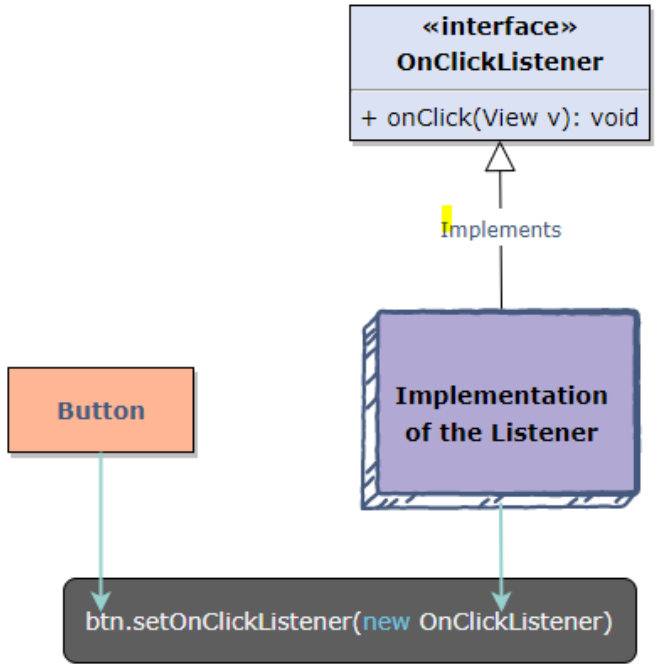
```
button.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {


        }
});
```

ckListener(OnClickListene… void
setOnContextClickListener(OnCont… void
setOnLongClickListener(OnLongClic… void
Press Enter to insert, Tab to replace
button.setOnCli


import android.widget.TextView;
public class MainActivity extends
private Button button;
private TextView textView;
private EditText editText;
@Override
protected void onCreate(Bundl
super.onCreate(savedInsta
setContentView(R.layout.a
button = findViewById(R.i
textView = findViewById(
editText = findViewById(R
button.setOnClickListener(new View
View android.view
View.OnClickListener(...) {android.vie…
ViewAnimator android.widget
ViewFlipper android.widget
ViewSwitcher android.widget
View.OnCreateContextMenuListener andro…
ViewModelStoreOwner androidx.lifecycle
ViewModel androidx.lifecycle
ViewModelStore androidx.lifecycle
View.AccessibilityDelegate android.vie…
View.BaseSavedState android.view.View
Press Enter to insert, Tab to replace

OnClickListener

- In Android, the OnClickListener() interface has an onClick(View v) method that is called when the view (component) is clicked. The code for a component's functionality is written inside this method, and the listener is set using the setOnClickListener() method.

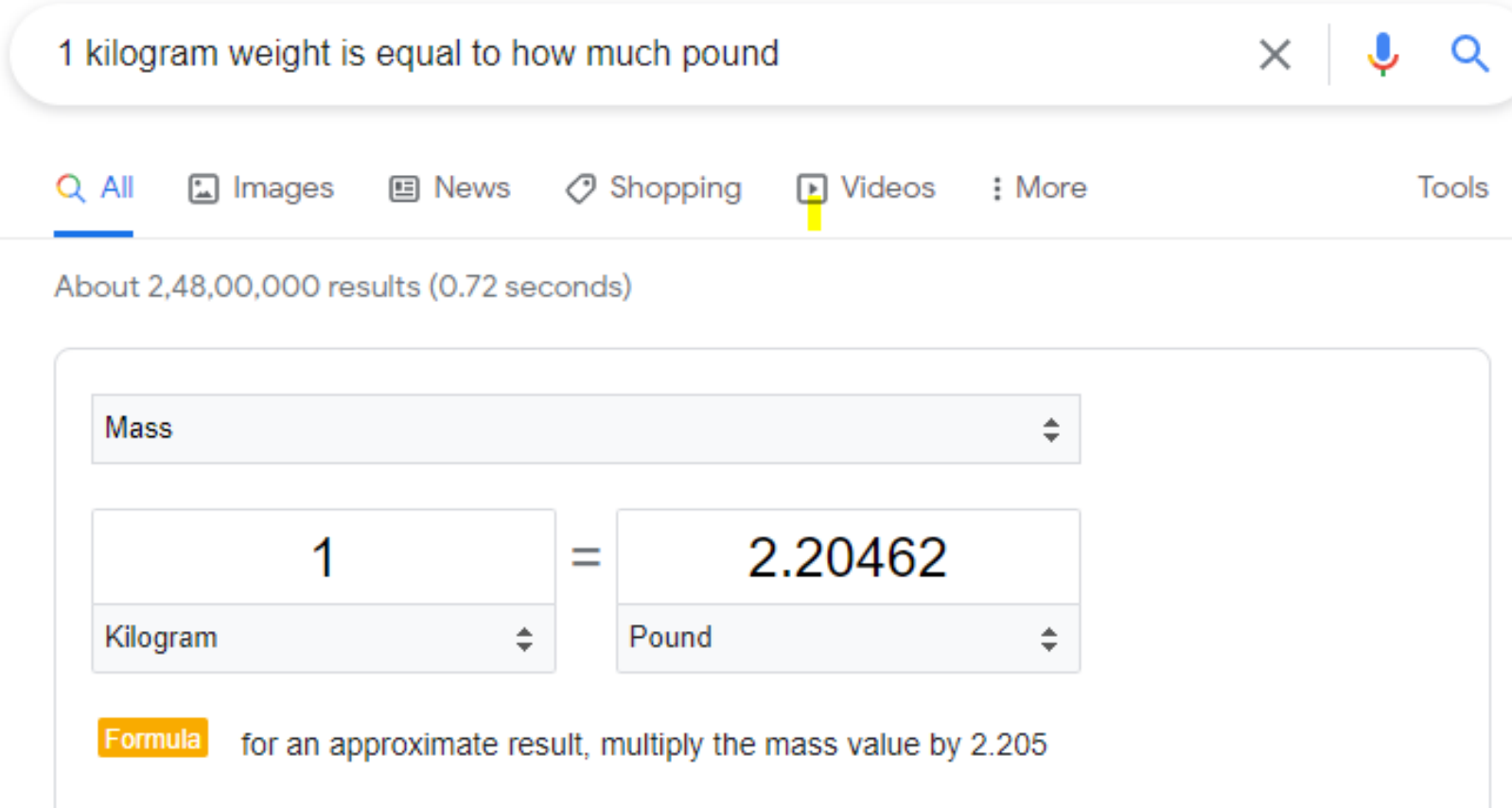


- Toast.makeText (context: MainActivity.this, text: “”, Toast.LENGTH_SHORT).show();

```
public void onClick(View view) {
    Toast.makeText( context: MainActivity.this,  text: "", Toast.LENGTH_SHORT).show();
}
```

public void onClick(View view) {
Toast.makeText(context: MainActivity.this, text:
String s = editText.getText().toString();
int kg = Integer.parseInt(s);
}

```
String s = editText.getText().toString();
int kg = Integer.parseInt(s);
double pound = 2.205 * kg;
textView.setText("The corresponding value in Pounds is " + pound);
```


1 kilogram weight is equal to how much pound
All
Images
News
Shopping
Videos
More
Tools
About 2,48,00,000 results (0.72 seconds)
Mass
1
=
2.20462
Kilogram
Pound
Formula
for an approximate result, multiply the mass value by 2.205