

How to set OnClickListener for ImageView in Kotlin Android

In Android, ImageView is a child class of View, and hence the method `setOnClickListener()` could be used on the object of type `ImageView`.

When `OnClickListener` is set to `ImageView`, a click on the `ImageView` triggers the action and code inside `setOnClickListener` method is executed.

In this tutorial, we will learn how to set `OnClickListener` for `ImageView` in Kotlin file, with the help of an example.

Code - ImageView OnClickListener

Following is quick look into code to set `OnClickListener` for `ImageView` in Kotlin Android :

```
// get reference to ImageView
val image_view = findViewById(R.id.image_view) as ImageView
// set on-click listener for ImageView
image_view.setOnClickListener {
    // your code here
}
```

Example - OnClickListener for ImageView

In this example, we shall look into the layout xml file and Activity(Kotlin file) to set `OnClickListener` for a `ImageView`.

Create an [Android Application](#) and replace `activity_main.xml` and `MainActivity.kt` with the following content.

activity_main.xml

We have a `ImageView` in `LinearLayout`. We will use this `ImageView` to set on-click listener.

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/
android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.yourpackage.MainActivity">
    <LinearLayout
        android:id="@+id/ll_main_layout"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:gravity="center"
        android:orientation="vertical">
        <ImageView
            android:id="@+id/iv_click_me"
            android:src="@drawable/image1"
            android:layout_gravity="center"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"/>
        </LinearLayout>
    </androidx.constraintlayout.widget.ConstraintLayout>

```

MainActivity.kt

Get reference to the the ImageView in layout file using id, and then call `setOnClickListener {}` on this ImageView. When user clicks on this ImageView, the code inside `setOnClickListener {}` will be executed.

```

package com.yourpackage //change to your package

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.widget.ImageView
import android.widget.Toast

/**
 * An example to set OnClickListener for ImageView in Kotlin Android
 */
class MainActivity : AppCompatActivity() {

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        // get reference to ImageView

```

```
val iv_click_me = findViewById(R.id.iv_click_me) as ImageView
// set on-click listener
iv_click_me.setOnClickListener {
    // your code to perform when the user clicks on the ImageView
    Toast.makeText(this@MainActivity, "You clicked on
    ImageView.", Toast.LENGTH_SHORT).show()
}
}
```

NB: Keep/Paste an image in the folder **app/res/drawable/** with name image1.png. This image has been given as the src (source) to ImageView in the activity_main.xml layout file.

Following are the screenshots to demonstrate the setOnClickListener for ImageView :



