

Practical 7

Main.Activity

```
package com.example.practno7
```

```
import android.annotation.SuppressLint
```

```
import android.content.Intent
```

```
import android.graphics.Bitmap
```

```
import androidx.appcompat.app.AppCompatActivity
```

```
import android.os.Bundle
```

```
import android.provider.MediaStore
```

```
import android.view.View
```

```
import android.widget.Button
```

```
import android.widget.ImageView
```

```
import java.sql.RowId
```

```
class MainActivity : AppCompatActivity() {
```

```
    private lateinit var cameraOpenId:Button
```

```
    lateinit var clickImageId:ImageView
```

```
    @SuppressWarnings("MissingInflatedId")
```

```
    override fun onCreate(savedInstanceState: Bundle?) {
```

```
        super.onCreate(savedInstanceState)
```

```
        setContentView(R.layout.activity_main)
```

```
        cameraOpenId = findViewById(R.id.camera_button)
```

```
        clickImageId = findViewById(R.id.click_image)
```

```
        cameraOpenId.setOnClickListener(View.OnClickListener { v: View? ->
```

```
            val cameraIntent = Intent(MediaStore.ACTION_IMAGE_CAPTURE)
```

```
            startActivityForResult(cameraIntent, pic_id)
```

```
        })
```

```
}

override fun onActivityResult(requestCode: Int, resultCode: Int, data: Intent?) {
    super.onActivityResult(requestCode, resultCode, data)
    if(requestCode== pic_id){
        val photo = data!!.extras!!["data"]as Bitmap?
        clickImageId.setImageBitmap(photo)
    }
}

companion object{
    private const val pic_id = 123
}
}
```

Activity.txt

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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" >

    <Button
        android:id="@+id/camera_button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Button" />

    <ImageView
        android:id="@+id/click_image"
        android:layout_width="350dp"
        android:layout_height="450dp"
        android:layout_marginStart="30dp"
        android:layout_marginTop="70dp"
        tools:srcCompat="@tools:sample/avatars" />
</RelativeLayout>
```