Practical 7:camera

MainActivity.kt

```
package com.example.h7
import android.content.Intent
import android.graphics.Bitmap
import android.os.Bundle
import android.provider.MediaStore
import android.widget.ImageView
import androidx.appcompat.app.AppCompatActivity
class MainActivity : AppCompatActivity() {
registerForActivityResult(ActivityResultContracts.StartActivityForResult(),
                clickImageId.setImageBitmap(photo) // Set the image in the
        })
    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)
```

Activity_main.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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=".MainActivity">
    <!-- add Camera Button to open the Camera -->
    <Button
        android:id="@+id/camera_button"
        android:layout_width="100dp"
        android:layout_marginStart="150dp"
        android:text="Camera" />
    <!-- add ImageView to display the captured image -->
    <ImageView
        android:layout_width="350dp"
        android:layout_width="350dp"
        android:layout_height="450dp"
        android:layout_height="450dp"
        android:layout_marginStart="30dp"
        android:layout_marginStart="30dp"
        android:layout_marginTop="70dp"
        android:layout_marginBottom="10dp" />
</RelativeLayout>
```