Activity\_main.xml

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

<**android.support.constraint.ConstraintLayout**

**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/button1"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_alignParentBottom="true"**

**android:layout\_centerHorizontal="true"**

**android:text="Take a Photo"**>

</**Button**>

<**ImageView**

**android:id="@+id/imageView1"**

**android:layout\_width="fill\_parent"**

**android:layout\_height="fill\_parent"**

**android:layout\_above="@+id/button1"**

**android:layout\_alignParentTop="true"**

**android:src="@drawable/a"**>

</**ImageView**>

</**android.support.constraint.ConstraintLayout**>

MainActivity.java

**package** com.example.jevitha.a16\_4\_camera;

**import** android.content.Intent;

**import** android.graphics.Bitmap;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.ImageView;

**import** android.widget.Toast;

**public class** MainActivity **extends** AppCompatActivity **implements** View.OnClickListener {

**private static final int *CAMERA\_REQUEST*** = 18;

ImageView **imageView**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**imageView** = (ImageView) **this**.findViewById(R.id.***imageView1***);

Button photoButton = (Button) **this**.findViewById(R.id.***button1***);

photoButton.setOnClickListener(**this**);

}

@Override

**public void** onClick(View v) {

Intent cameraIntent = **new** Intent(android.provider.MediaStore.***ACTION\_IMAGE\_CAPTURE***);

startActivityForResult(cameraIntent,***CAMERA\_REQUEST***);

}

@Override

**protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {

**super**.onActivityResult(requestCode, resultCode, data);

**if** (requestCode == ***CAMERA\_REQUEST***) {

Bitmap photo = (Bitmap) data.getExtras().get(**"data"**);

**imageView**.setImageBitmap(photo);

*//Toast.makeText(this,String.valueOf(resultCode), Toast.LENGTH\_SHORT).show();*

}

}

}