Camera App

Main.java

package com.example.mrj.camera;  
  
import android.content.Intent;  
import android.graphics.Bitmap;  
import android.provider.MediaStore;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.ImageView;  
  
public class MainActivity extends AppCompatActivity {  
  
 Button btnCamera;  
 ImageView img;  
 **@Override** protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 btnCamera=(Button)findViewById(R.id.*button*);  
 img=(ImageView)findViewById(R.id.*imageView*);  
 }  
 public void openCam(View view){  
 Intent cam=new Intent(MediaStore.*ACTION\_IMAGE\_CAPTURE*);  
 startActivityForResult(cam,0);  
 }  
  
 **@Override** protected void onActivityResult(int requestCode, int resultCode, Intent data) {  
 super.onActivityResult(requestCode, resultCode, data);  
 Bitmap bitmap=(Bitmap)data.getExtras().get(**"data"**);  
 img.setImageBitmap(bitmap);  
 }  
}

activity.xml

<?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=**"com.example.mrj.camera.MainActivity"**>  
  
  
 <Button  
 android:id=**"@+id/button"** android:layout\_width=**"280dp"** android:layout\_height=**"wrap\_content"** android:layout\_alignParentBottom=**"true"** android:layout\_centerHorizontal=**"true"** android:layout\_marginBottom=**"32dp"** android:onClick=**"openCam"** android:text=**"Take Picture"** app:layout\_constraintBottom\_toBottomOf=**"parent"** app:layout\_constraintEnd\_toEndOf=**"parent"** app:layout\_constraintStart\_toStartOf=**"parent"** app:layout\_constraintTop\_toTopOf=**"parent"** />  
  
 <ImageView  
 android:id=**"@+id/imageView"** android:layout\_width=**"match\_parent"** android:layout\_height=**"match\_parent"** android:layout\_above=**"@+id/button"** android:layout\_alignParentLeft=**"true"** android:layout\_alignParentStart=**"true"** android:layout\_marginBottom=**"11dp"** />  
</RelativeLayout>