Halaman Layout Persegi

<?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=".Activity.PersegiActivity">  
  
 <ImageView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:src="@drawable/persegi1" />  
  
<EditText  
 android:id="@+id/edt\_sisi"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
  
 android:layout\_above="@id/btn\_hitungpersegi"  
 android:hint="sisi" />  
<Button  
 android:id="@+id/btn\_hitungpersegi"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:background="@color/colorPrimary"  
 android:text="hitung persegi"  
 android:textAllCaps="false"  
 android:textSize="26sp"  
 android:textColor="@android:color/white" />  
  
<LinearLayout  
 android:layout\_width="150dp"  
 android:layout\_height="150dp"  
 android:orientation="vertical"  
 android:layout\_below="@id/btn\_hitungpersegi">  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="75dp"  
 android:text="Keliling Persegi"  
 android:textAlignment="center"  
 android:textSize="25sp"/>  
 <TextView  
 android:id="@+id/tv\_kelilingpersegi"  
 android:layout\_width="match\_parent"  
 android:layout\_height="75dp"  
 android:textAlignment="center"  
 android:text="0"  
 android:textSize="20sp"/>  
</LinearLayout>  
  
<LinearLayout  
 android:layout\_width="150dp"  
 android:layout\_height="150dp"  
 android:orientation="vertical"  
 android:layout\_alignParentRight="true"  
 android:layout\_below="@id/btn\_hitungpersegi">  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="75dp"  
 android:text="luas persegi"  
 android:textAlignment="center"  
 android:textSize="25sp"/>  
 <TextView  
 android:id="@+id/tv\_luaspersegi"  
 android:layout\_width="match\_parent"  
 android:layout\_height="75dp"  
 android:textAlignment="center"  
 android:text="0"  
 android:textSize="20sp"/>  
  
</LinearLayout>

</RelativeLayout>

Halaman Layout Persegi Panjang

<?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=".Activity.PersegiPanjangActivity">  
  
 <?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=".PersegiPanjangActivity">  
  
 <ImageView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/persegipanjang"  
 android:layout\_centerHorizontal="true"/>  
 <EditText  
 android:id="@+id/edt\_lebar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_above="@id/btn\_hitungpersegipanjang"  
 android:hint="lebar" />  
 <EditText  
 android:id="@+id/edt\_panjang"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_above="@id/edt\_lebar"  
 android:hint="panjang" />  
 <Button  
 android:id="@+id/btn\_hitungpersegipanjang"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:background="@color/colorPrimary"  
 android:text="hitung persegi panjang"  
 android:textAllCaps="false"  
 android:textSize="26sp"  
 android:textColor="@android:color/white" />  
  
 <LinearLayout  
 android:layout\_width="150dp"  
 android:layout\_height="150dp"  
 android:orientation="vertical"  
 android:layout\_below="@id/btn\_hitungpersegipanjang">  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="100dp"  
 android:text="Keliling Persegi Panjang"  
 android:textAlignment="center"  
 android:textSize="25sp"/>  
 <TextView  
 android:id="@+id/tv\_kelilingpersegipanjang"  
 android:layout\_width="match\_parent"  
 android:layout\_height="75dp"  
 android:textAlignment="center"  
 android:text="0"  
 android:textSize="20sp"/>  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="150dp"  
 android:layout\_height="150dp"  
 android:orientation="vertical"  
 android:layout\_alignParentRight="true"  
 android:layout\_below="@id/btn\_hitungpersegipanjang">  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="100dp"  
 android:text="luas persegi panjang"  
 android:textAlignment="center"  
 android:textSize="25sp"/>  
 <TextView  
 android:id="@+id/tv\_luaspersegipanjang"  
 android:layout\_width="match\_parent"  
 android:layout\_height="75dp"  
 android:textAlignment="center"  
 android:text="0"  
 android:textSize="20sp"/>  
  
 </LinearLayout>  
  
</RelativeLayout>

</RelativeLayout>

Halaman Layout Activity Main

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 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"  
 android:layout\_margin="20dp"  
 android:orientation="vertical"  
 tools:context=".MainActivity">  
 <Button  
 android:id="@+id/btn\_persegi"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/colorPrimary"  
 android:text="@string/persegi"  
 android:textColor="@android:color/white"  
 android:textSize="20sp"  
 android:layout\_marginBottom="10dp"/>  
 <Button  
 android:id="@+id/btn\_panjang"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/colorPrimary"  
 android:text="@string/persegi\_panjang"  
 android:textColor="@android:color/white"  
 android:textSize="20sp"/>  
</LinearLayout>

Java Code ActivityMain.class

package com.example.aritmatikaandroidbasic;  
  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
  
import com.example.aritmatikaandroidbasic.Activity.PersegiActivity;  
import com.example.aritmatikaandroidbasic.Activity.PersegiPanjangActivity;  
// *TODO 4 menambahkan implements View.OnClickListener*public class MainActivity extends AppCompatActivity implements View.OnClickListener {  
// *TODO 1* Button btnPersegi, btnPanjang;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
// *TODO 2* btnPersegi = findViewById(R.id.*btn\_persegi*);  
 btnPanjang = findViewById(R.id.*btn\_panjang*);  
// *TODO 3* btnPersegi.setOnClickListener(this);  
 btnPanjang.setOnClickListener(this);  
 }  
 @Override  
 public void onClick(View v) {  
 //*TODO 5* if(v.getId() == R.id.*btn\_persegi*){  
 startActivity( new Intent(MainActivity.this, PersegiActivity.class));  
  
 }else if (v.getId() == R.id.*btn\_panjang*){  
 startActivity( new Intent(MainActivity.this, PersegiPanjangActivity.class));  
  
 }  
 }  
}