

Button Activity

BUATLAH PROJECT BARU DENGAN KETENTUAN BERIKUT INI :

Application Name	ButtonActivity
Minimum Required SDK	Android 4.3.1
Target SDK	Android 4.3.1 (API 18)
Compile with	Android 4.3.1
Theme	None

src > package > *.java

```
package belajar.android.button;
import android.os.Bundle;
import android.app.Activity;
import android.view.View;
import android.view.View.OnClickListener;
import android.widget.Button;
import android.widget.Toast;
import android.widget.ToggleButton;

public class ButtonActivity extends Activity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_button);

        // button langsung dibuat listener ke onClick
        Button btn = (Button) findViewById(R.id.button3);
        btn.setOnClickListener(new View.OnClickListener() {
            public void onClick(View view) {
                Toast.makeText(getApplicationContext(), "Tombol 3 di klik Langsung",
                    Toast.LENGTH_SHORT).show();
            }
        });

        // button 4 dan button 5 dibuat tombollistener yang akan dibuat
        OnClickListener

        Button btn4 = (Button) findViewById(R.id.button4);
        btn4.setOnClickListener(tombolListener);

        Button btn5 = (Button) findViewById(R.id.button5);
        btn5.setOnClickListener(tombolListener);

        // button 1 dan button 2 dibuat lewat layout xml dan diset event onClick dari
        xml

        // begitu pula untuk button togle di set even onToggle dari xml layout
    }

    //---create an anonymous class to act as a button click listener---
    private OnClickListener tombolListener = new OnClickListener() {
        public void onClick(View view)
        {
            Toast.makeText(getApplicationContext(),
                ((Button) view).getText() + " di klik Listener",
                Toast.LENGTH_LONG).show();
        }
    };

    public void onClick(View view) {
        Button btn = (Button) view;
        Toast.makeText(this, btn.getText() + " di klik",
            Toast.LENGTH_SHORT).show();
    }
}
```

```

        public void onToggle(View view) {
            ToggleButton btn = (ToggleButton) view;
            Toast.makeText(this, "Kondisi Tombol Toggle : " + btn.isChecked(),
                Toast.LENGTH_SHORT).show();
        }
    }
}

```

res > layout > *.xml

```

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:orientation="vertical" >

    <TextView
        android:id="@+id/textView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/textView1" />

    <ToggleButton
        android:id="@+id/toggleButton"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignRight="@+id/textView1"
        android:layout_below="@+id/textView1"
        android:onClick="onToggle"
        android:text="@string/toggleButton" />

    <Button
        android:id="@+id/button1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_below="@+id/toggleButton"
        android:onClick="onClick"
        android:text="@string/button1" />

    <Button
        android:id="@+id/button2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/button1"
        android:onClick="onClick"
        android:text="@string/button2" />

    <Button
        android:id="@+id/button3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/button2"
        android:onClick="onClick"
        android:text="@string/button3" />

    <Button
        android:id="@+id/button4"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/button3"
        android:onClick="onClick"
        android:text="@string/button4" />

    <Button
        android:id="@+id/button5"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/button4"
        android:onClick="onClick"
        android:text="@string/button5" />

</RelativeLayout>

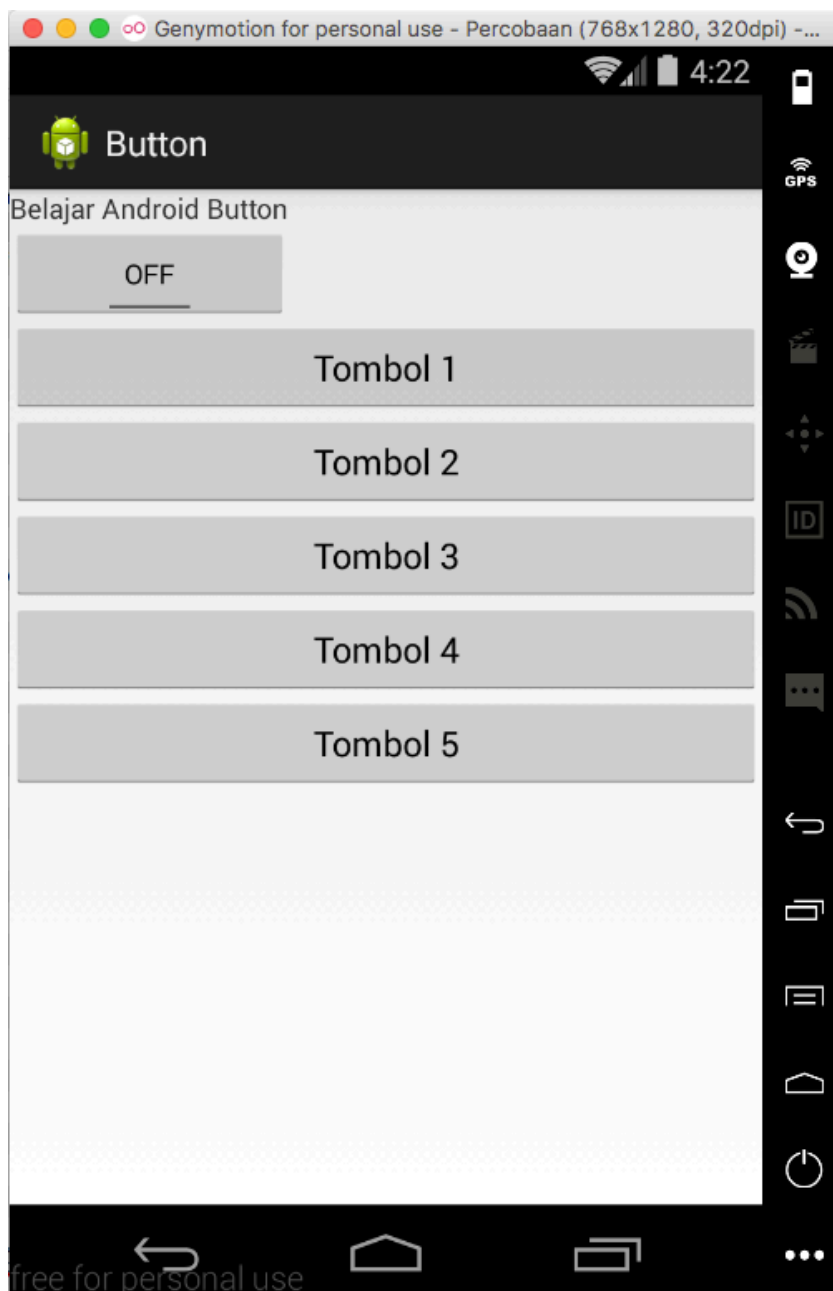
```

res > value > string.xml

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

    <string name="app_name">Button</string>
    <string name="action_settings">Settings</string>
    <string name="hello_world">Hello world!</string>
    <string name="textView1">Belajar Android Button</string>
    <string name="toggleButton">Tombol Toggle</string>
    <string name="button1">Tombol 1</string>
    <string name="button2">Tombol 2</string>
    <string name="button3">Tombol 3</string>
    <string name="button4">Tombol 4</string>
    <string name="button5">Tombol 5</string>

</resources>
```



Button Bergambar Activity

BUATLAH PROJECT BARU DENGAN KETENTUAN BERIKUT INI :

Application Name	ButtonBergambarActivity
Minimum Required SDK	Android 4.3.1
Target SDK	Android 4.3.1 (API 18)
Compile with	Android 4.3.1
Theme	None

src > package > *.java

```
package belajar.android.buttonbergambar;

import android.os.Bundle;
import android.app.Activity;
import android.view.View;
import android.widget.Button;
import android.widget.ImageButton;
import android.widget.Toast;

public class ButtonBergambarActivity extends Activity {

    ImageButton btnimage;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_button_bergambar);

        // menampilkan button dan diset tulisan dan letak gambar
        Button btn = (Button) findViewById(R.id.imageTextButton6);
        btn.setText("Android");
        btn.setCompoundDrawablesWithIntrinsicBounds(
            0, // kiri
            R.drawable.ic_launcher, // atas
            0, // kanan
            0); // bawah

        btnimage = (ImageButton) findViewById(R.id.imageButton);
        btnimage.setOnClickListener(imagebuttonListener);
    }

    private View.OnClickListener imagebuttonListener = new View.OnClickListener() {

        public void onClick(View view)
        {
            if (view.getId()==R.id.imageButton) {
                Toast.makeText(getApplicationContext(), "image button di click" ,
Toast.LENGTH_SHORT).show();
            }
        }
    };
}
```

res > layout > *.xml

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:orientation="vertical" >

    <Button
```

```
        android:id="@+id/imageTextButton6"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=""/>

<Button
    android:id="@+id/imageTextButton5"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:drawableBottom="@drawable/ic_launcher"
    android:drawableLeft="@drawable/ic_launcher"
    android:drawableRight="@drawable/ic_launcher"
    android:drawableTop="@drawable/ic_launcher"
    android:text="@string/imageTextButton5" />

<ImageButton
    android:id="@+id/imageButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:src="@drawable/ic_launcher"
    android:contentDescription="@string/description" />

<Button
    android:id="@+id/imageTextButton1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:drawableTop="@drawable/ic_launcher"
    android:text="@string/imageTextButton1" />

<Button
    android:id="@+id/imageTextButton2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:drawableLeft="@drawable/ic_launcher"
    android:text="@string/imageTextButton2" />

<Button
    android:id="@+id/imageTextButton3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:drawableRight="@drawable/ic_launcher"
    android:text="@string/imageTextButton3" />

<Button
    android:id="@+id/imageTextButton4"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:drawableBottom="@drawable/ic_launcher"
    android:text="@string/imageTextButton4" />

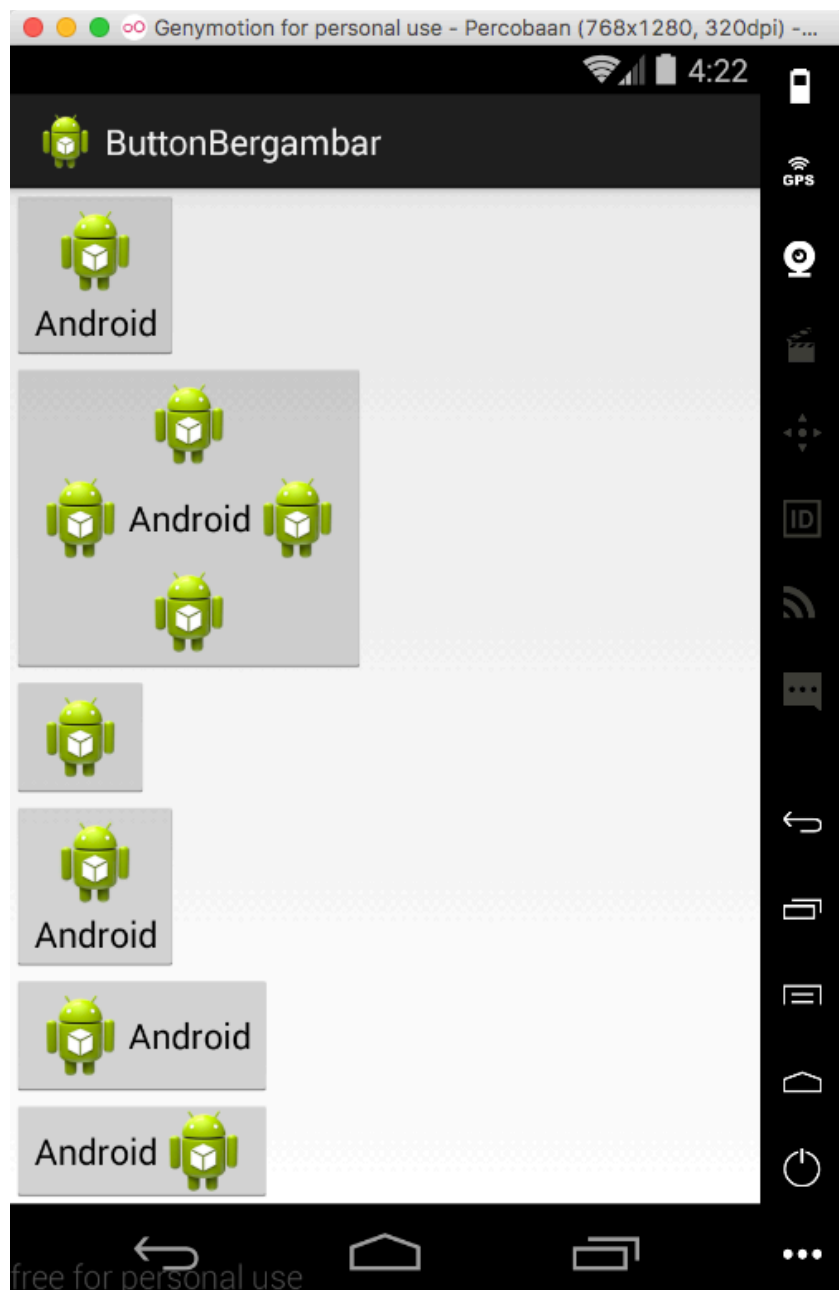
</LinearLayout>
```

res > value > string.xml

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

    <string name="app_name">ButtonBergambar</string>
    <string name="action_settings">Settings</string>
    <string name="hello_world">Hello world!</string>
    <string name="imageTextButton5">Android</string>
    <string name="imageTextButton1">Android</string>
    <string name="imageTextButton2">Android</string>
    <string name="imageTextButton3">Android</string>
    <string name="imageTextButton4">Android</string>
    <string name="description"> YOUR_DESCRIPTION_HERE </string>

</resources>
```



Check Box Activity

BUATLAH PROJECT BARU DENGAN KETENTUAN BERIKUT INI :

Application Name	CheckBoxActivity
Minimum Required SDK	Android 4.3.1
Target SDK	Android 4.3.1 (API 18)
Compile with	Android 4.3.1
Theme	None

src > package > *.java

```
package belajar.android.checkbox;

import android.os.Bundle;
import android.app.Activity;
import android.view.View;
import android.widget.CheckBox;
import android.widget.Toast;

public class CheckBoxActivity extends Activity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_check_box);

        CheckBox checkBox = (CheckBox) findViewById(R.id.checkboxcontoh);
        checkBox.setOnClickListener(new View.OnClickListener()
        {
            public void onClick(View v) {
                if (((CheckBox)v).isChecked())
                    Toast.makeText(getApplicationContext(),
                        "CheckBox di check",
                        Toast.LENGTH_LONG).show();
                else
                    Toast.makeText(getApplicationContext(),
                        "CheckBox tidak di check",
                        Toast.LENGTH_LONG).show();
            }
        });

        CheckBox checkStar = (CheckBox) findViewById(R.id.checkstylebintang);
        checkStar.setOnClickListener(new View.OnClickListener()
        {
            public void onClick(View v) {
                if (((CheckBox)v).isChecked())
                    Toast.makeText(getApplicationContext(),
                        "CheckStar di check",
                        Toast.LENGTH_LONG).show();
                else
                    Toast.makeText(getApplicationContext(),
                        "CheckStar tidak di check",
                        Toast.LENGTH_LONG).show();
            }
        });
    }
}
```

res > layout > *.xml

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
```

```
android:orientation="vertical" >

<CheckBox
    android:id="@+id/checkboxcontoh"
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:text="@string/checkboxcontoh" />

<CheckBox
    android:id="@+id/checkstylebintang"
    style="?android:attr/starStyle"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content" />

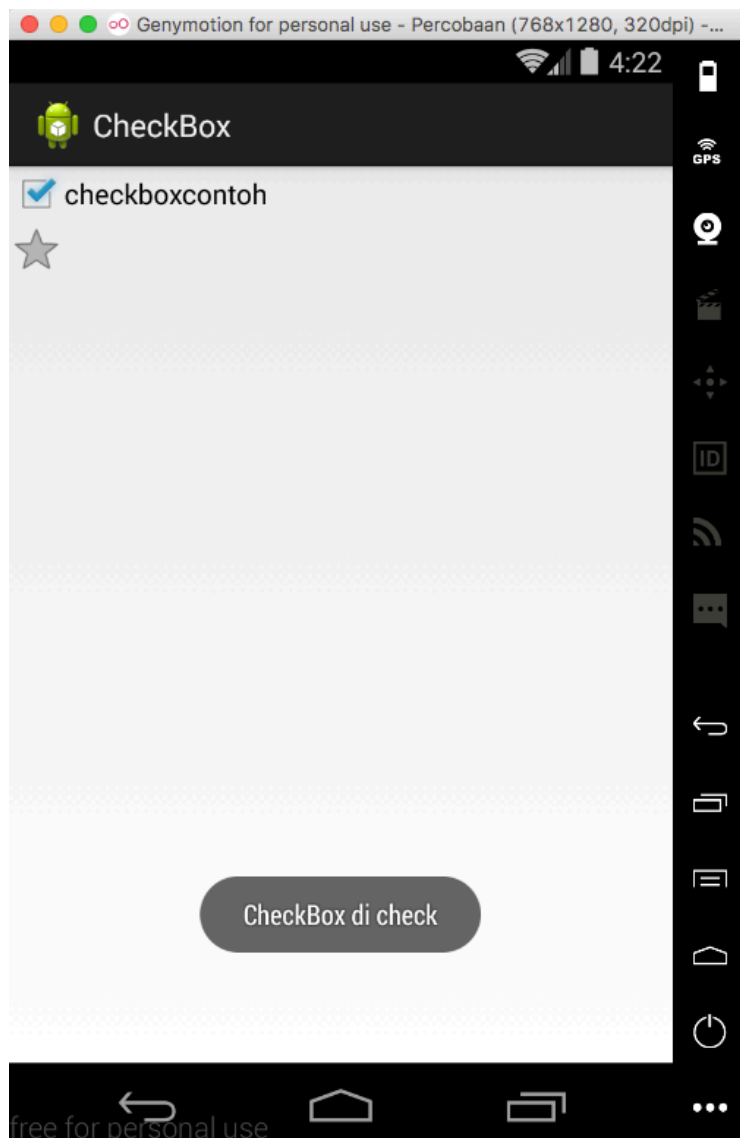
</LinearLayout>
```

res > value > string.xml

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

    <string name="app_name">CheckBox</string>
    <string name="action_settings">Settings</string>
    <string name="hello_world">Hello world!</string>
    <string name="checkboxcontoh">checkboxcontoh</string>

</resources>
```



Radio Button Activity

BUATLAH PROJECT BARU DENGAN KETENTUAN BERIKUT INI :

Application Name	RadioButtonActivity
Minimum Required SDK	Android 4.3.1
Target SDK	Android 4.3.1 (API 18)
Compile with	Android 4.3.1
Theme	None

src > package > *.java

```
package belajar.android.radiobutton;

import android.os.Bundle;
import android.app.Activity;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.Toast;
import android.widget.RadioGroup.OnCheckedChangeListener;

public class RadioButtonActivity extends Activity {

    RadioButton pil1;
    RadioButton pil2;
    RadioButton pil3;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_radio_button);

        RadioGroup pilihangroup = (RadioGroup) findViewById(R.id.grouppilihan);
        pil1 = (RadioButton) findViewById(R.id.pilihan1);
        pil2 = (RadioButton) findViewById(R.id.pilihan2);
        pil3 = (RadioButton) findViewById(R.id.pilihan3);

        pilihangroup.setOnCheckedChangeListener(new OnCheckedChangeListener()
        {
            public void onCheckedChanged(RadioGroup group, int checkedId) {

                if (pil1.isChecked()) {
                    Toast.makeText(getApplicationContext(),
                        "Pilihan 1 checked!",
                        Toast.LENGTH_LONG).show();
                }
                else {
                    if (pil2.isChecked()) {
                        Toast.makeText(getApplicationContext(),
                            "Pilihan 2 checked!",
                            Toast.LENGTH_LONG).show();
                    }
                    else {
                        Toast.makeText(getApplicationContext(),
                            "Pilihan 3 checked!",
                            Toast.LENGTH_LONG).show();
                    }
                }
            }
        });
    }
}
```

res > layout > *.xml

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:orientation="vertical" >

    <RadioGroup
        android:id="@+id/grouppilihan"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical" >

        <RadioButton
            android:id="@+id/pilihan1"
            android:layout_width="fill_parent"
            android:layout_height="wrap_content"
            android:drawableLeft="@drawable/ic_launcher"
            android:text="Pilihan 1" />

        <RadioButton
            android:id="@+id/pilihan2"
            android:layout_width="fill_parent"
            android:layout_height="wrap_content"
            android:drawableLeft="@drawable/ic_launcher"
            android:text="Pilihan 2" />

        <RadioButton
            android:id="@+id/pilihan3"
            android:layout_width="fill_parent"
            android:layout_height="wrap_content"
            android:drawableLeft="@drawable/ic_launcher"
            android:text="Pilihan 3"
            android:checked="true"/>
    </RadioGroup>

</LinearLayout>
```

