Layout Manager Demo

Click Me   Long Click Me

Click
or
Long CLick
Me

Show
My
Name

Enter your Name

---

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Click Me   Long Click Me

Click
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Show
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---

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Click Me   Long Click Me

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Hai from borderless button!

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Click Me   Long Click Me

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Hai from default style button!

---

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Click Me   Long Click Me

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Show
My
Name

You clicked me for so long!

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Activity_main.xml

```xml
<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"
    android:background="@color/LightYellow"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    tools:context="in.jacsice.android.layoutmanager.MainActivity" >

<TextView    android:layout_width="wrap_content"
             android:layout_height="wrap_content"
             android:layout_alignParentEnd="true"
             android:textAppearance="?android:attr/textAppearanceLarge"
             android:text="@string/layoutpgm"
             android:id="@+id/txtSample"
             android:layout_alignParentTop="true"
             android:layout_centerHorizontal="true" />

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="fill_parent"
            android:layout_below="@+id/txtSample"
            android:layout_centerHorizontal="true"
            android:background="@color/AliceBlue"
            android:orientation="vertical" >

                <ImageView   android:id="@+id/imageView"
                             android:contentDescription="@string/imagedesc"
                             android:layout_width="wrap_content"
                             android:layout_height="wrap_content"
```

```xml
            android:layout_gravity="center_horizontal"
            android:src="@drawable/ic_launcher" />

    <TableLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@color/DarkSalmon" >

            <TableRow
                android:id="@+id/tableRow"
                android:layout_width="match_parent"
                android:layout_height="match_parent"
                android:orientation="horizontal" >

                    <Button
                        android:id="@+id/btnClick"
                        style="?android:attr/buttonBarButtonStyle"
                        android:layout_width="wrap_content"
                        android:layout_height="wrap_content"
                        android:background="@color/Chartreuse"
                        android:text="@string/clickme" />

            <Button
                android:id="@+id/btnLongClick"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
        android:background="@android:drawable/btn_default"
                android:text="@string/longclickme" />

<!-- style="?android:attr/buttonBarButtonStyle"    add this line in the above button to make the button
borderless-->

                </TableRow>
        </TableLayout>
```

```xml
<GridLayout
    android:id="@+id/lytGrid"
    android:layout_width="match_parent"
    android:layout_height="fill_parent"
    android:background="@color/Magenta" >

        <Button
            android:id="@+id/btnAll"
            android:layout_width="145dp"
            android:layout_height="156dp"
            android:layout_column="3"
            android:layout_columnSpan="1"
            android:layout_row="0"
            android:layout_rowSpan="2"
            android:background="@android:drawable/btn_default"
            android:text="@string/gridlongclick" />

        <Button
            android:id="@+id/btnShowName"
            android:layout_width="145dp"
            android:layout_height="match_parent"
            android:layout_column="2"
            android:layout_row="1"
            android:layout_rowSpan="3"
            android:background="@android:drawable/btn_default"
            android:text="@string/showmyname" />

        <EditText
            android:id="@+id/txtName"
            android:layout_width="145dp"
            android:layout_height="wrap_content"
            android:layout_column="3"
            android:layout_columnSpan="1"
            android:layout_row="3"
            android:layout_rowSpan="1"
```

android:background="@color/Aqua"

android:hint="@string/entername" />

</GridLayout>

</LinearLayout>

</RelativeLayout>

Strings.xml

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

    <string name="app_name">LayoutManager</string>
    <string name="hello_world">Hello world!</string>
    <string name="action_settings">Settings</string>
    <string name="title_activity_main">Layout Manager</string>
    <string name="layoutpgm">Layout Manager Demo</string>
    <string name="imagedesc">Just an Image</string>
    <string name="clickme">Click Me</string>
    <string name="longclickme">Long Click Me</string>
    <string name="gridlongclick">Click \n or \n Long CLick \n Me</string>
    <string name="showmyname">Show \nMy \nName</string>
    <string name="entername">Enter your Name</string>

</resources>
```

MainActivity.java

```java
package in.jacsice.android.layoutmanager;


import android.app.Activity;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
```

```java
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends Activity {

        Button clickBtn, longClickBtn, allBtn, btnShow;
        TextView sample;
        EditText nameTxt;

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

                clickBtn = (Button) findViewById(R.id.btnClick);
                longClickBtn = (Button) findViewById(R.id.btnLongClick);
                allBtn = (Button) findViewById(R.id.btnAll);
                btnShow = (Button) findViewById(R.id.btnShowName);
                sample = (TextView) findViewById(R.id.txtSample);
                nameTxt = (EditText) findViewById(R.id.txtName);

                clickBtn.setOnClickListener(new View.OnClickListener() {
                        @Override
                        public void onClick(View v) {
                        Toast.makeText(getApplicationContext(), "Hai from borderless button!",
Toast.LENGTH_SHORT).show();
                        }
                });

                /*Implement Long Click Listener*/
                longClickBtn.setOnLongClickListener(new View.OnLongClickListener() {
                        @Override
                        public boolean onLongClick(View v) {
                        Toast.makeText(getApplicationContext(), "Hai from default style button!",
                        Toast.LENGTH_SHORT).show();
```

```
            return false;
        }
    });


    allBtn.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
        Toast.makeText(getApplicationContext(), "You Just Clicked Me!",
        Toast.LENGTH_SHORT).show();
        }
    });


    allBtn.setOnLongClickListener(new View.OnLongClickListener() {
        @Override
        public boolean onLongClick(View v) {
        Toast.makeText(getApplicationContext(), "You clicked me for so long!",
        Toast.LENGTH_SHORT).show();
        return true;
        // return true means to disable event bubble & calling onClick again.
        // return false means, its calls the onClick event again.
        }
    });


    btnShow.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
        sample.setText(nameTxt.getText().toString());
        }
    });
}


@Override
public boolean onCreateOptionsMenu(Menu menu) {
    // Inflate the menu; this adds items to the action bar if it is present.
    getMenuInflater().inflate(R.menu.main, menu);
```

```java
                return true;
        }


        @Override
        public boolean onOptionsItemSelected(MenuItem item) {
                // Handle action bar item clicks here. The action bar will
                // automatically handle clicks on the Home/Up button, so long
                // as you specify a parent activity in AndroidManifest.xml.
                int id = item.getItemId();
                if (id == R.id.action_settings) {
                        return true;
                }
                return super.onOptionsItemSelected(item);
        }
}
```