

Text View

Buatlah project baru dengan ketentuan berikut ini :

Application Name	TextView
Minimum Required SDK	Android 4.2.2
Target SDK	Android 4.2.2 (API 17)
Compile with	Android 4.2.2
Theme	None

```
res>layout>main.xml
```

```
<?xml version="1.0" encoding="utf-8"?>
<TextView xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/tulisan"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
    />
```

```
res>value>string.xml
```

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <string name="hello">Hello World, textview!</string>
    <string name="app_name">textview</string>
</resources>
```

```
src>com.wilis.textview>textview.java
```

```
package com.wilis.textview;

import android.app.Activity;
import android.os.Bundle;
import android.widget.TextView;

public class textview extends Activity {
    /** Called when the activity is first created. */
    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.main);

        TextView t=(TextView)findViewById(R.id.tulisan);
        t.setText("Ini adalah tulisan dengan widget TextView");
    }
}
```

Buatlah project baru dengan ketentuan berikut ini :

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

res>layout>activity_main.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" >
```

```
<TextView
    android:id="@+id/textView1"
    android:clickable="true"
    android:textSize="20sp"
    android:textColor="#0000FF"
    android:gravity="center"
    android:lineSpacingMultiplier="1.5"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentTop="true"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="50dp"
    android:text="@string/textView1" />
```

```
<TextView
    android:id="@+id/textView2"
    android:clickable="true"
    android:textSize="20sp"
    android:textColor="#FF9900"
    android:gravity="center"
    android:lineSpacingMultiplier="1.5"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentTop="true"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="120dp"
    android:text="@string/textView2" />
```

```
<TextView
    android:id="@+id/textView3"
    android:clickable="true"
    android:textSize="20sp"
    android:textColor="#FF0000"
```

```
android:gravity="center"
android:lineSpacingMultiplier="1.5"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_alignParentTop="true"
android:layout_centerHorizontal="true"
android:layout_marginTop="190dp"
android:text="@string/textView3" />
```

</RelativeLayout>

res>values>string.xml

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

    <string name="app_name">TextView</string>
    <string name="action_settings">Settings</string>
    <string name="hello_world">Hello world!</string>
    <string name="textView1">Static TextView</string>
    <string name="textView2">Java</string>
    <string name="textView3">Android</string>

</resources>
```

src>belajar.android.textview>TextViewActivity.java

```
package belajar.android.textview;

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

public class TextViewActivity extends Activity {

    TextView tv1, tv2, tv3;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_text_view);
        tv1 = (TextView) findViewById(R.id.textView1);
        tv2 = (TextView) findViewById(R.id.textView2);
        tv3 = (TextView) findViewById(R.id.textView3);

        tv1.setOnClickListener(new View.OnClickListener() {

            public void onClick(View v) {
                Toast.makeText(getApplicationContext(), "Static TextView Clicked",
                    Toast.LENGTH_SHORT).show();
            }

        })
    }
}
```

```

    });

    tv2.setOnLongClickListener(new View.OnLongClickListener() {
        public boolean onLongClick(View v) {
            Toast.makeText(getApplicationContext(), "Java Long Clicked",
                Toast.LENGTH_SHORT).show();

            return false;
        }
    });

    tv3.setOnClickListener(new View.OnClickListener() {
        public void onClick(View v) {
            Toast.makeText(getApplicationContext(), "Android Clicked",
                Toast.LENGTH_SHORT).show();
        }
    });

    tv3.setOnLongClickListener(new View.OnLongClickListener() {
        public boolean onLongClick(View v) {
            Toast.makeText(getApplicationContext(), "Android Long Clicked",
                Toast.LENGTH_SHORT).show();
            return true;
        }
    });
}

}

```

Edit Text

Buatlah project baru dengan ketentuan berikut ini :

Application Name	EditText
Minimum Required SDK	Android 4.2.2
Target SDK	Android 4.2.2 (API 17)
Compile with	Android 4.2.2
Theme	None

```
res>layout>activity_main.xml
```

```

<?xml version="1.0" encoding="utf-8"?>
<EditText xmlns:android="http://schemas.android.com/apk/res/android"
    android:inputType="text"
    android:id="@+id/tampil"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:singleLine="false"
>
    <requestFocus />

```

</EditText>

src>belajar.android.EditText>EditText.java

```
package com.wilis.editttext;
```

```
import android.app.Activity;
import android.os.Bundle;
import android.widget.EditText;
```

```
public class editttext extends Activity {
    /** Called when the activity is first created. */
    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.main);

        EditText f=(EditText)findViewById(R.id.tampil);
        f.setText("Ini adalah tampilan EditText di Android 2.3 " +
            " Anda bisa memanggil fungsi EditText setelah anda" +
            " import libraries android.widget.EditText, Tampilan " +
            " EditText menjadi beberapa baris karena " +
            " android:singleline=false");
    }
}
```

Buatlah project baru dengan ketentuan berikut ini :

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

res>layout>activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:orientation="vertical" >

    <EditText
        android:id="@+id/editText"
        android:inputType="text"
```

```

        android:layout_width="match_parent"
        android:layout_height="wrap_content" >

        <requestFocus />
    </EditText>

</LinearLayout>

```

src>belajar.android.EditText>EditTextActivity.java

```

package com.example.edittest;

import android.app.Activity;
import android.os.Bundle;
import android.view.KeyEvent;
import android.view.View;
import android.view.View.OnClickListener;
import android.widget.EditText;
import android.widget.Toast;

public class EditTextActivity extends Activity {

    private EditText edittext;

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_edit_text);
        addKeyListener();
    }

    public void addKeyListener() {

        edittext = (EditText) findViewById(R.id.editText);

        edittext.setOnKeyListener(new OnKeyListener() {
            public boolean onKey(View v, int keyCode, KeyEvent event) {
                if ((event.getAction() == KeyEvent.ACTION_DOWN)
                    && (keyCode == KeyEvent.KEYCODE_ENTER)) {

                    Toast.makeText(EditTextActivity.this,
                                edittext.getText(),
                                Toast.LENGTH_LONG).show();

                    return true;

                } else if ((event.getAction() == KeyEvent.ACTION_DOWN)
                    && (keyCode == KeyEvent.KEYCODE_9)) {

                    Toast.makeText(EditTextActivity.this,
                                "Ketik angka 9 !",
                                Toast.LENGTH_LONG).show();

                    return true;

                }
            }
        });
    }
}

```

```

        return false;
    }
});
}
}

```

Latihan Text View, Edit Text, Layout

Buatlah project baru dengan ketentuan sebagai berikut :

Application Name	AutoComplete
Minimum Required SDK	Android 2.2 (API 8)
Target SDK	Android 2.2 (API 8)
Compile with	Android 2.2 (API 8)
Theme	None

res>string.xml

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
    <string name="hello">Hello World, autoComplete!</string>
    <string name="app_name">Membuat Teks AutoComplete</string>
    <string name="perintah">Masukkan minimal 3 huruf</string>
    <string name="hasil"></string>
</resources>

```

res>layout>main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical" android:layout_width="fill_parent"
    android:layout_height="fill_parent">
    <TextView android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/textView1"
        android:text="@string/perintah"></TextView>
    <AutoCompleteTextView android:id="@+id/edit"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:completionThreshold="3" />

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

```

```
</TextView>
</LinearLayout>
```

```
src>com.auto.comp>AutocompleteSederhana.java
```

```
package com.auto.comp;
```

```
import android.app.Activity;
import android.os.Bundle;
import android.text.Editable;
import android.text.TextWatcher;
import android.widget.AdapterView;
import android.widget.AutoCompleteTextView;
import android.widget.TextView;
```

```
public class AutocompleteSederhana extends Activity implements TextWatcher {
    /** Called when the activity is first created. */
    TextView hasil;
    AutoCompleteTextView edit;
    String[] item = { "Merbabu", "Merapi", "Lawu", "Rinjani", "Sumbing",
                     "Sindoro", "Krakatau", "Selat Sunda", "Selat Bali", "Selat Malaka",
                     "Kalimantan", "Sulawesi", "Jawa" };

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.main);

        hasil = (TextView) findViewById(R.id.hasil);
        edit = (AutoCompleteTextView) findViewById(R.id.edit);
        edit.addTextChangedListener(this);
        edit.setAdapter(new ArrayAdapter<String>(this,
            android.R.layout.simple_dropdown_item_1line, item));
    }
    public void onTextChanged(CharSequence s, int start, int before, int count) {
        hasil.setText(edit.getText());
    }

    public void beforeTextChanged(CharSequence s, int start, int count, int after) {
        // not used
    }

    public void afterTextChanged(Editable s) {
        // not used
    }
}
```