

Kapitel 2: Layout einer App (androidExample02)

Datei: 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="fill_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="10dp"
        android:contentDescription="Hinweis zur Eingabe der Temperatur"
        android:text="Bitte geben Sie eine Temperatur in Celcius ein"
    />

    <EditText
        android:id="@+id/EingabeTemperatur"
        android:layout_width="fill_parent"
        android:layout_marginTop="3dp"
        android:contentDescription="Eingabe der umzurechnenden Temperatur in Celsius"
        android:layout_height="wrap_content"
    />

    <LinearLayout
        android:orientation="horizontal"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
    >

        <Button
            android:id="@+id/btnKelvin"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:contentDescription="Umwandlung in Kelvin durch Klick"
            android:text="... in Kelvin"
        />

        <Button
            android:id="@+id/btnFahrenheit"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:contentDescription="Umwandlung in Fahrenheit durch Klick"
            android:text="... in Fahrenheit"
        />

    </LinearLayout>
</LinearLayout>
```

Datei: res/value/strings.xml

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <string name="app_name">Umrechnung der Temperatur</string>
</resources>
```

Datei MainActivity.java

```
package de.Example.android_Example02;
```

```
import android.app.Activity;
```

```
import android.os.Bundle;
```

```
public class MainActivity extends Activity
```

```
{
```

```
    /** Called when the activity is first created. */
```

```
    @Override
```

```
    public void onCreate(Bundle savedInstanceState)
```

```
    {
```

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.main);
```

```
    }
```

```
}
```