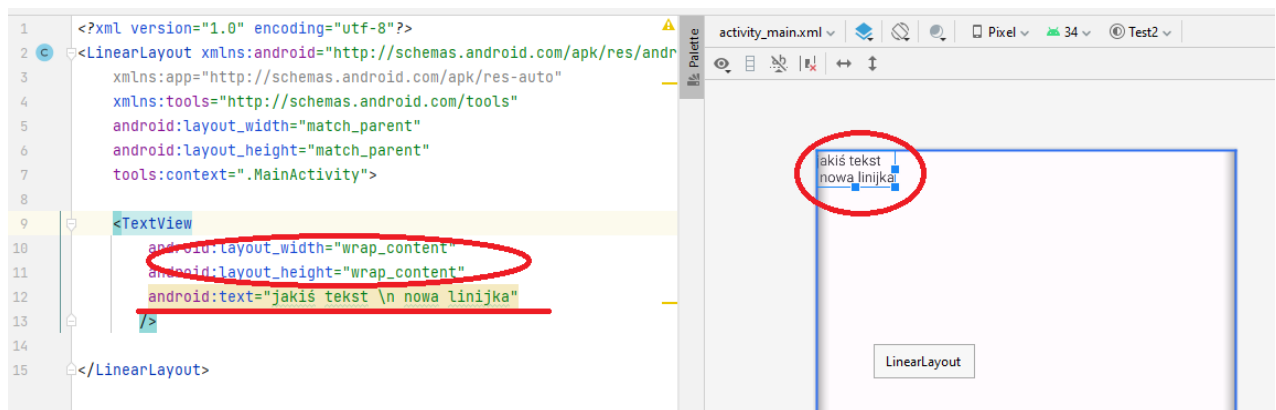
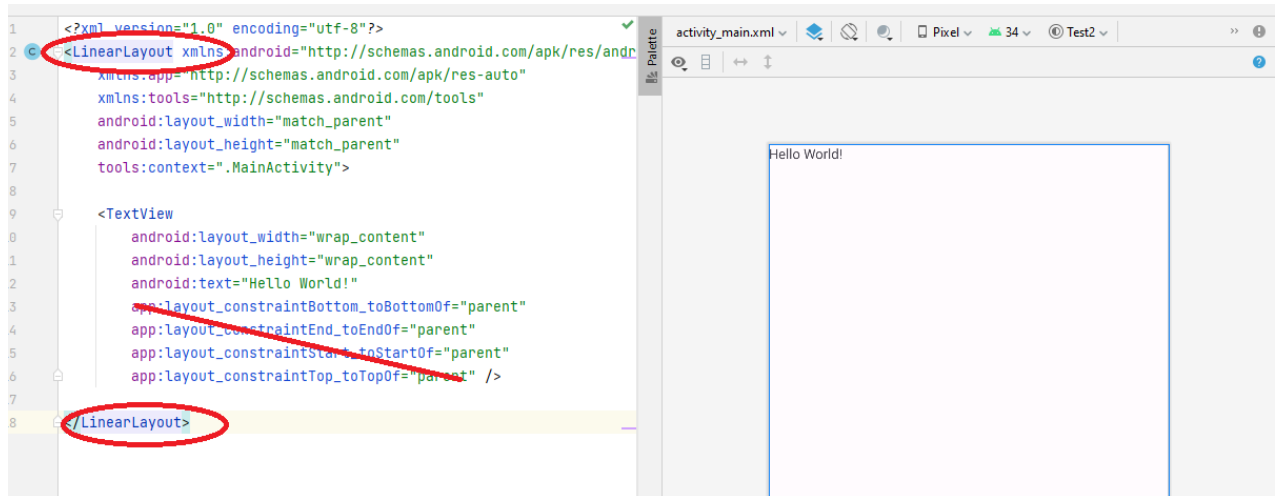
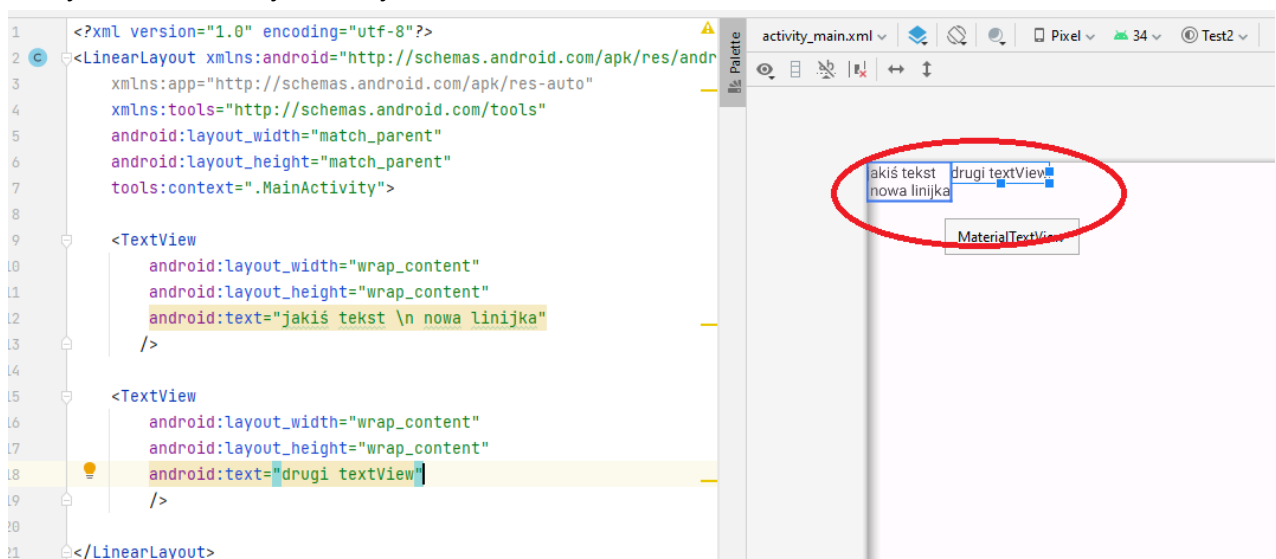
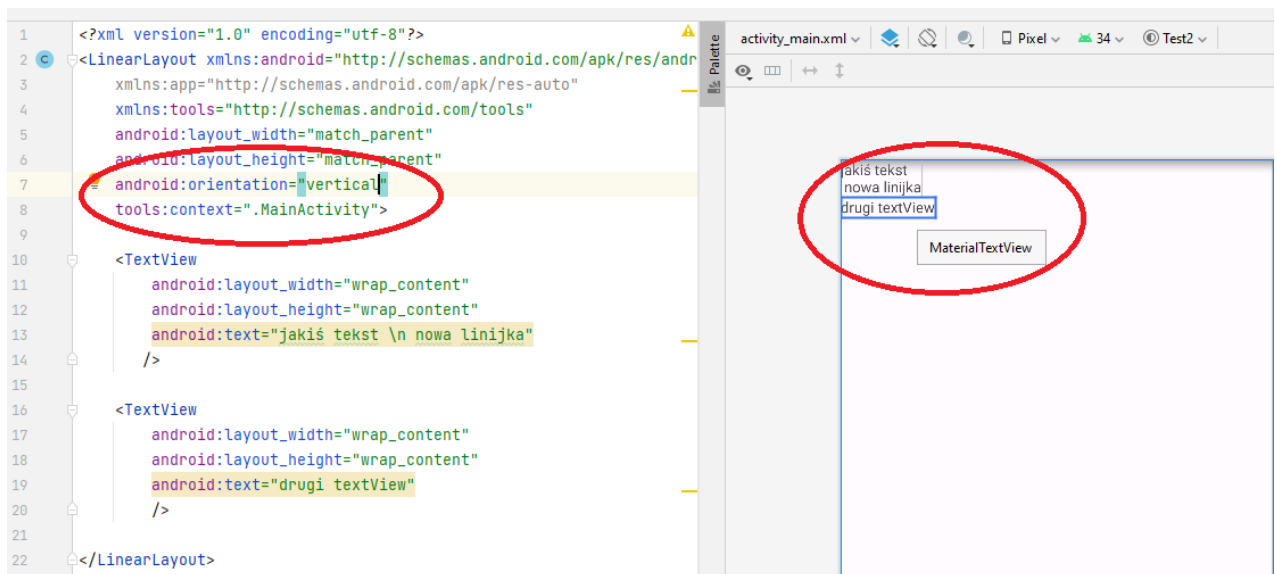
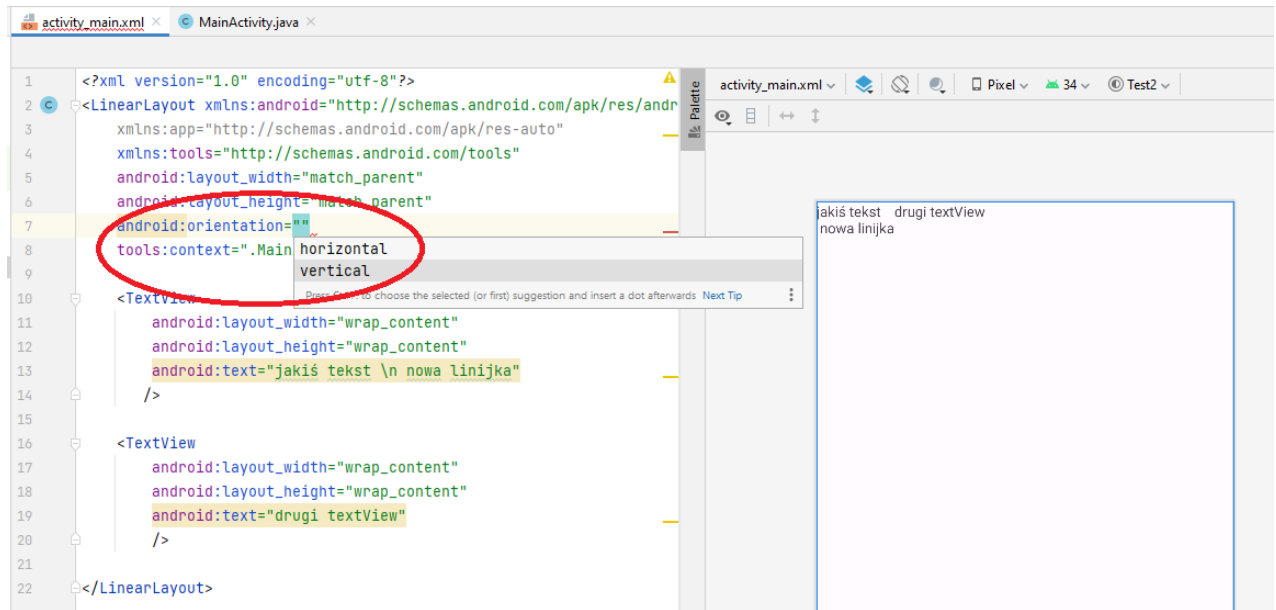


## LinearLayout

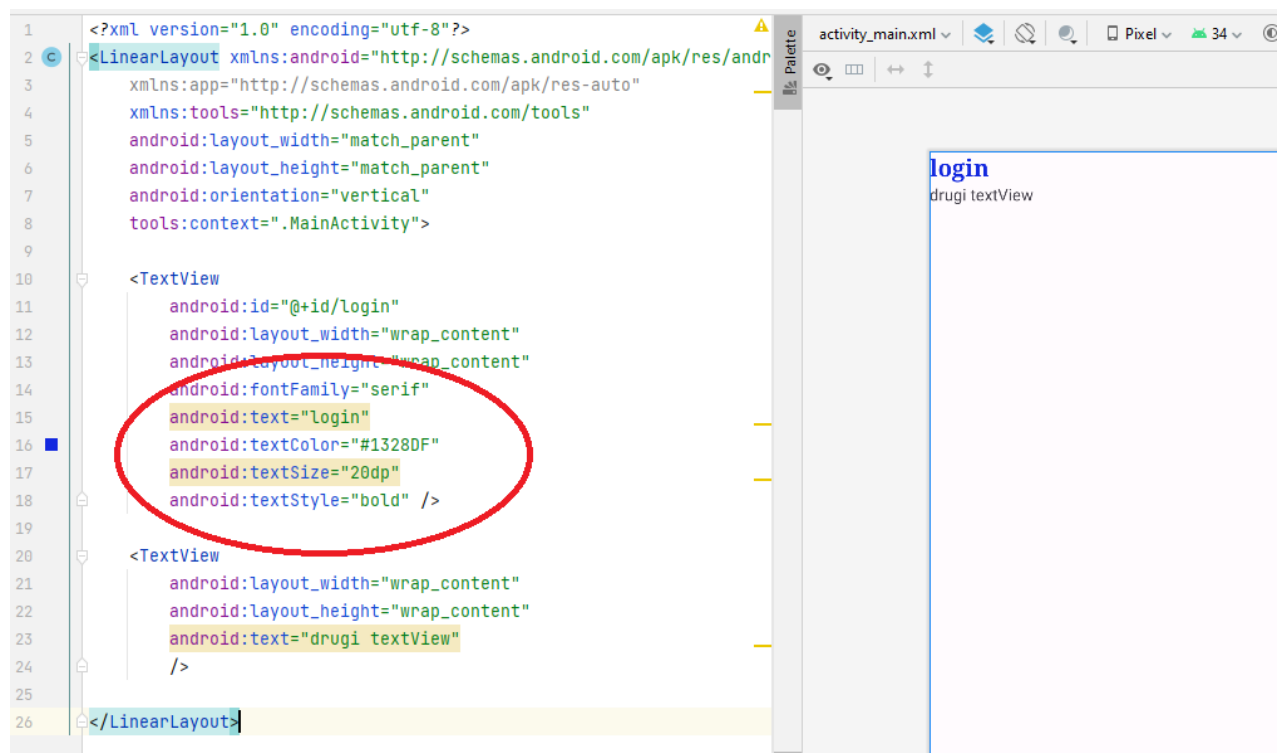
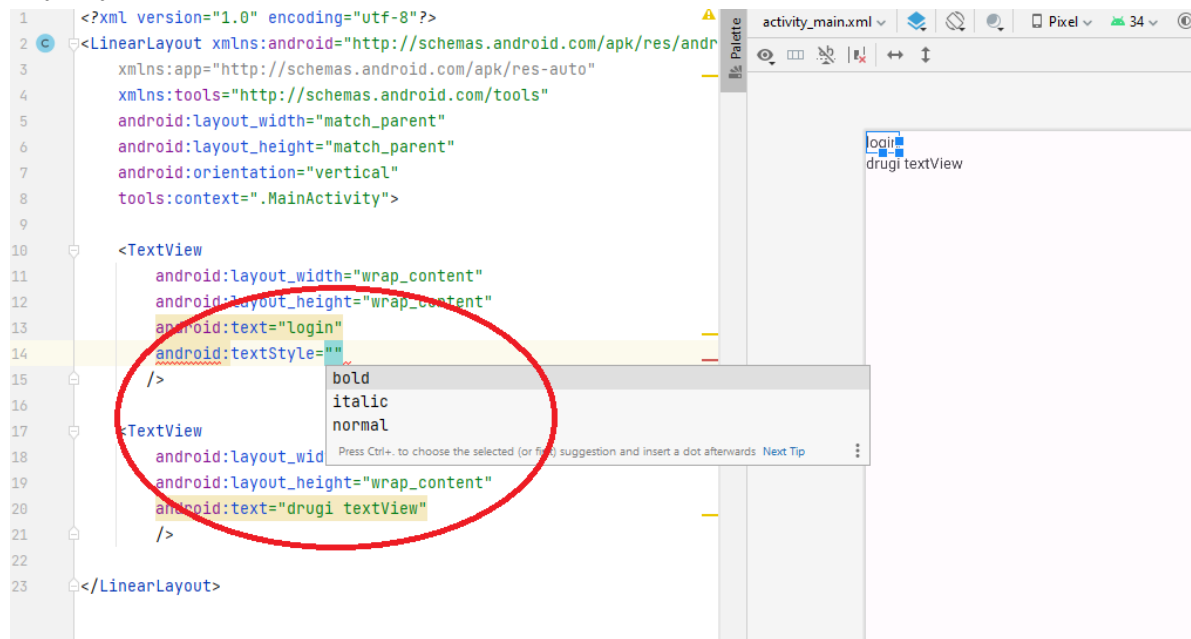
<https://developer.android.com/develop/ui/views/layout/linear>

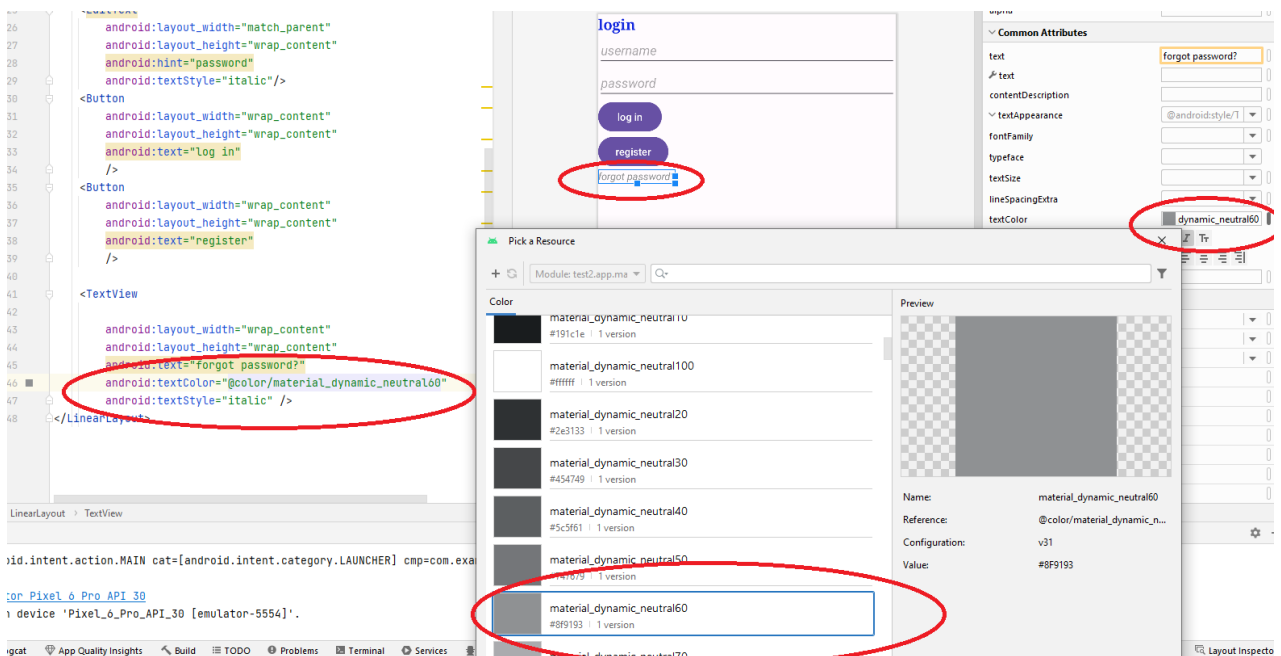
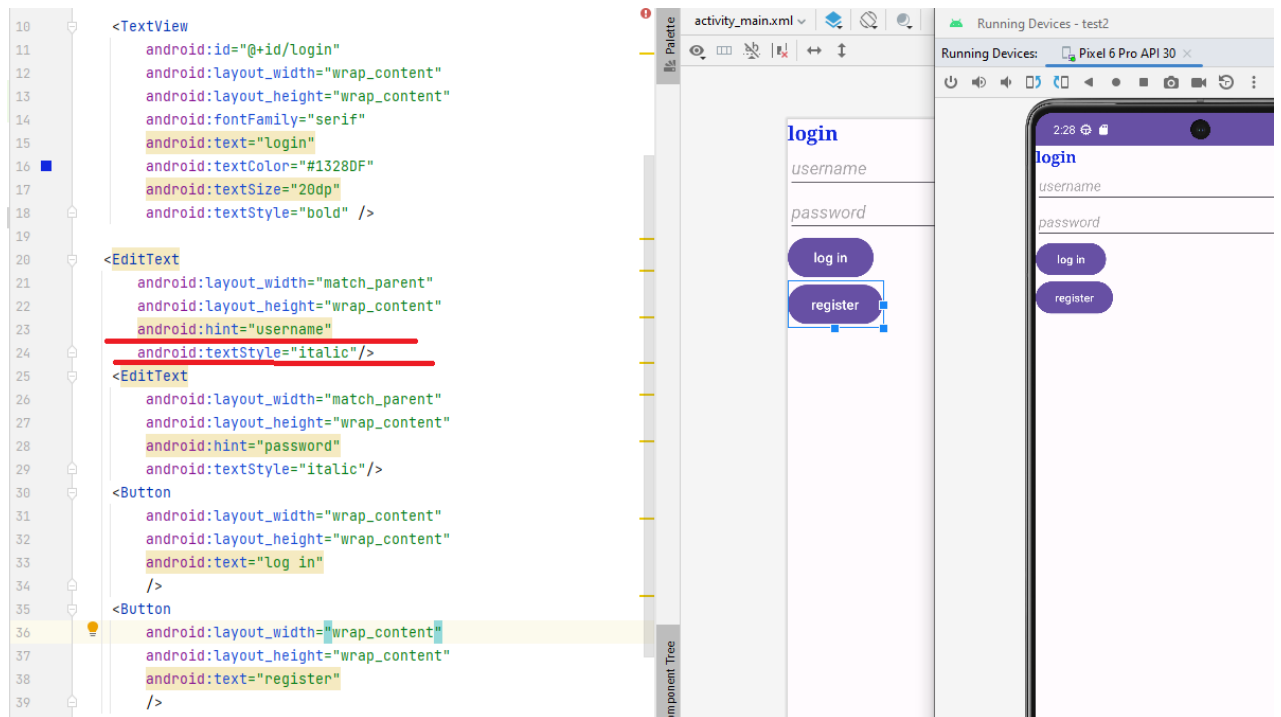
## Domyślnie układ horizontalny



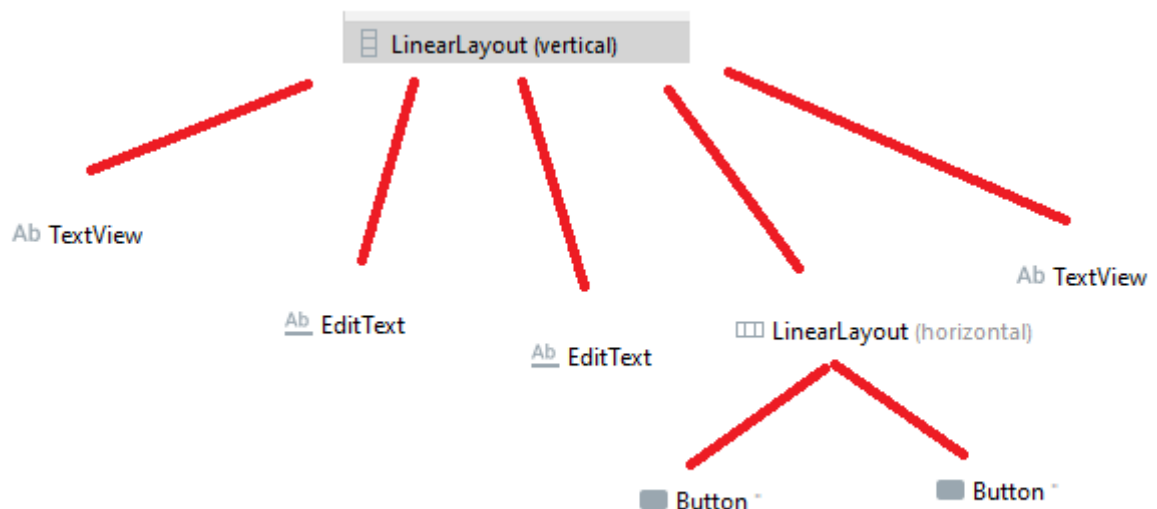
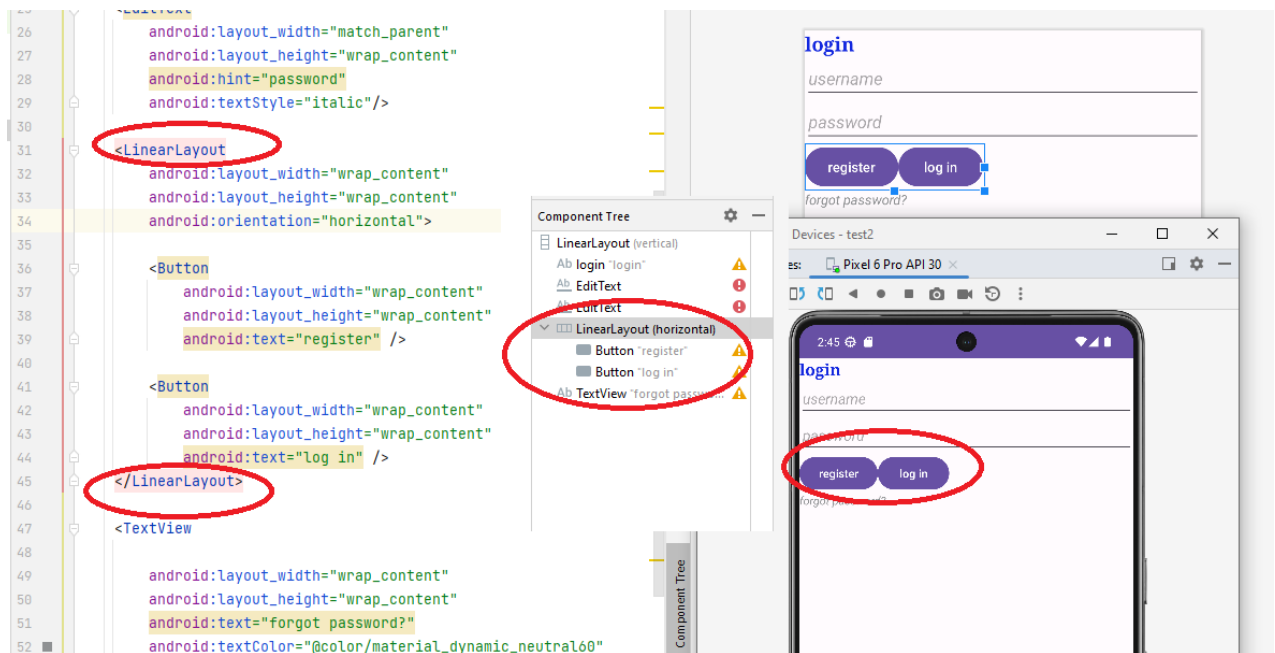


Atrybuty:

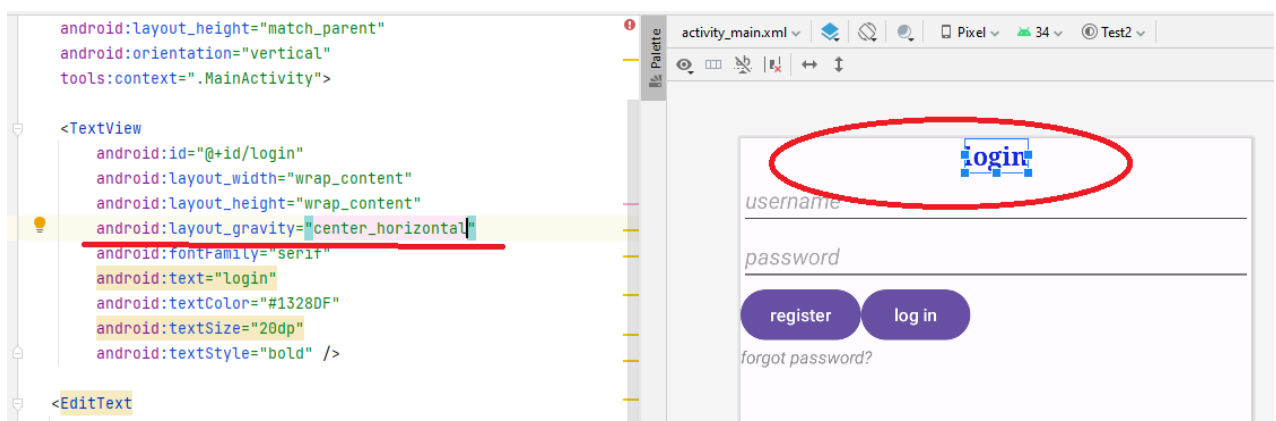
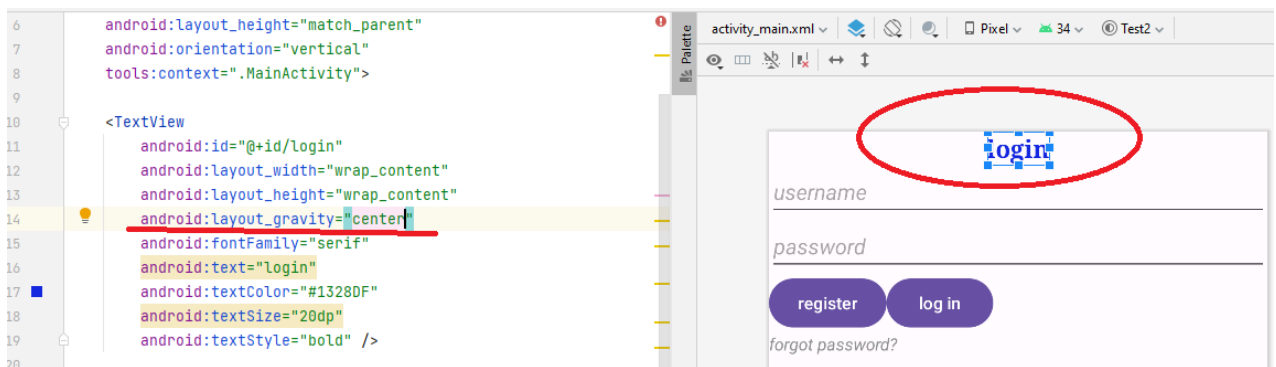
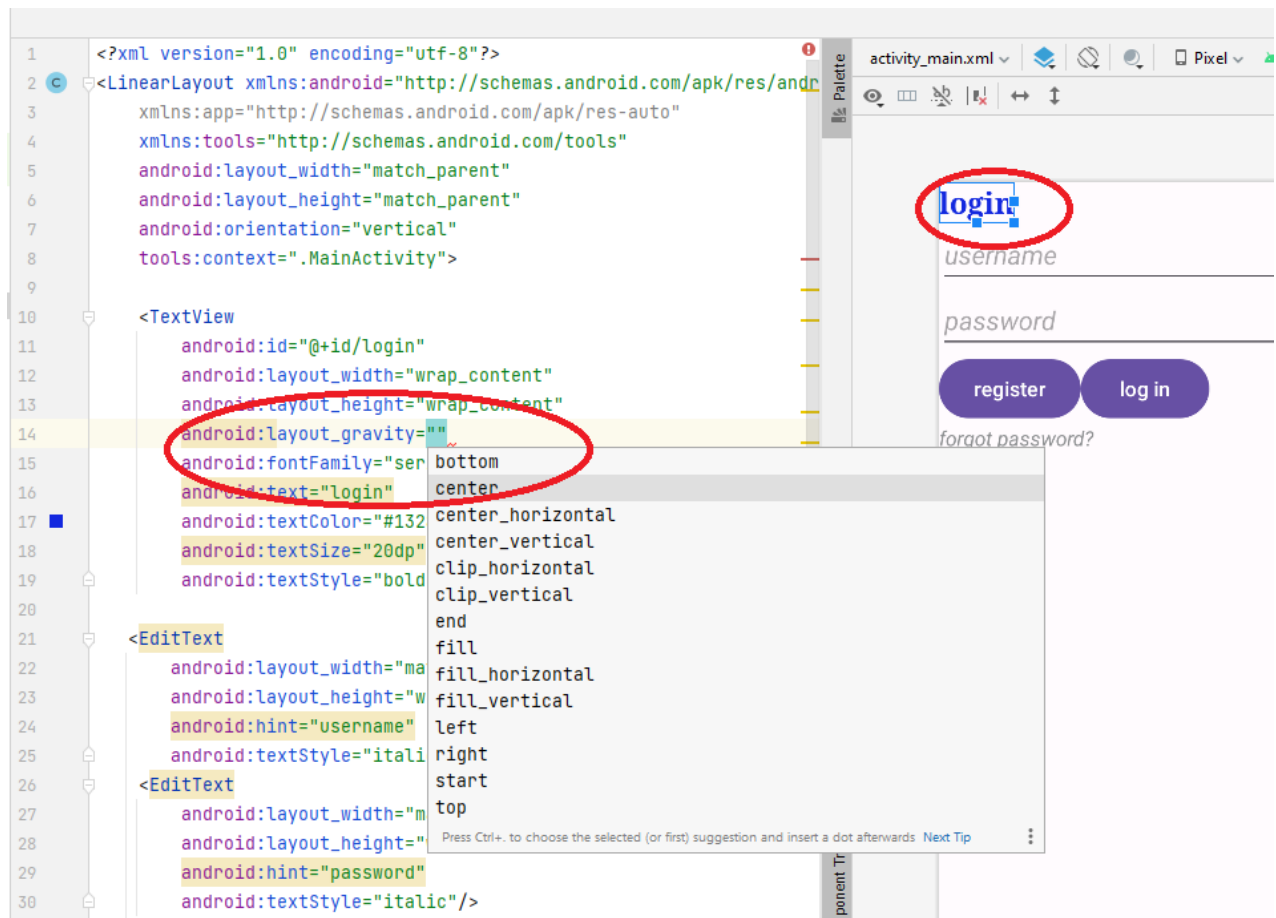




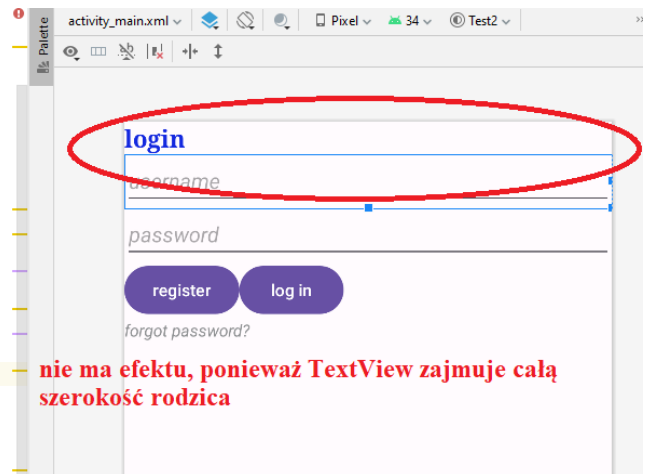
## Nesting layouts



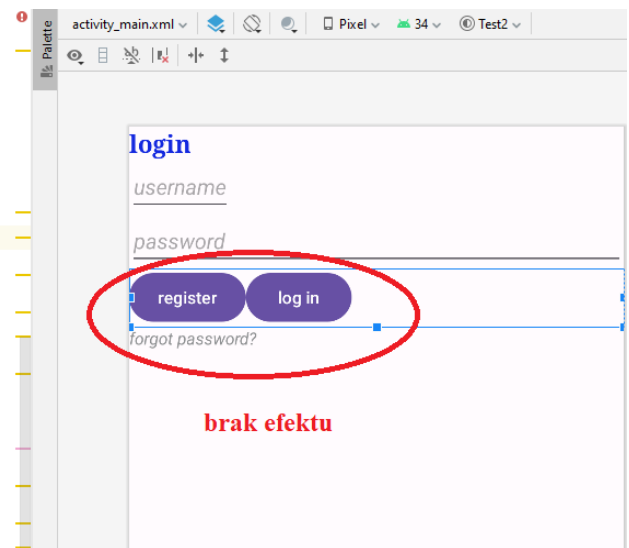
## layout\_gravity attribute: sets the view relatively to its parent



```
6      android:layout_height="match_parent"
7      android:orientation="vertical"
8      tools:context=".MainActivity">
9
10     <TextView
11         android:id="@+id/login"
12         android:layout_width="match_parent"
13         android:layout_height="wrap_content"
14         android:layout_gravity="center_horizontal"
15         android:fontFamily="serif"
16         android:text="login"
17         android:textColor="#13280F"
18         android:textSize="20dp"
19         android:textStyle="bold" />
20
21     <EditText
22         android:layout_width="match_parent"
23         android:layout_height="wrap_content"
24         android:hint="username"
25         android:textStyle="italic"/>
```

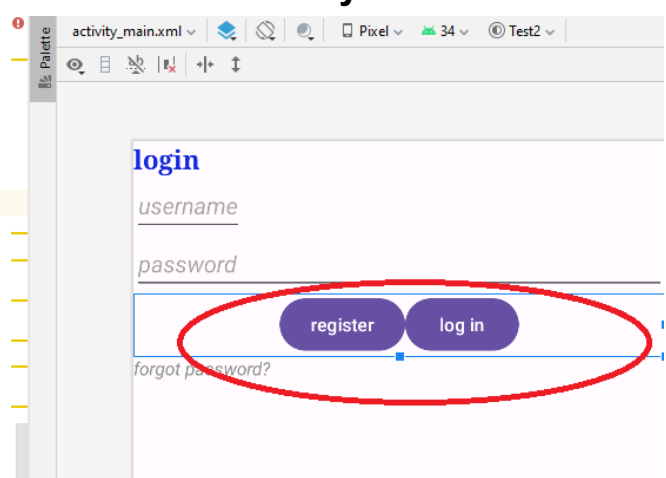


```
26     <EditText
27         android:layout_width="match_parent"
28         android:layout_height="wrap_content"
29         android:hint="password"
30         android:textStyle="italic"/>
31
32     <LinearLayout
33         android:layout_width="match_parent"
34         android:layout_height="wrap_content"
35         android:layout_gravity="center_horizontal"
36         android:orientation="horizontal">
37
38         <Button
39             android:layout_width="wrap_content"
40             android:layout_height="wrap_content"
41             android:text="register" />
42
43         <Button
44             android:layout_width="wrap_content"
45             android:layout_height="wrap_content"
46             android:text="log in" />
47     </LinearLayout>
```



**gravity attribute: sets the content of the view relatively to itself**

```
        android:textStyle="italic"/>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center_horizontal"
        android:orientation="horizontal">
        <Button
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="register" />
        <Button
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="log in" />
    </LinearLayout>
```



```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:hint="username"
        android:textStyle="italic"/>
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="password"
        android:textStyle="italic"/>

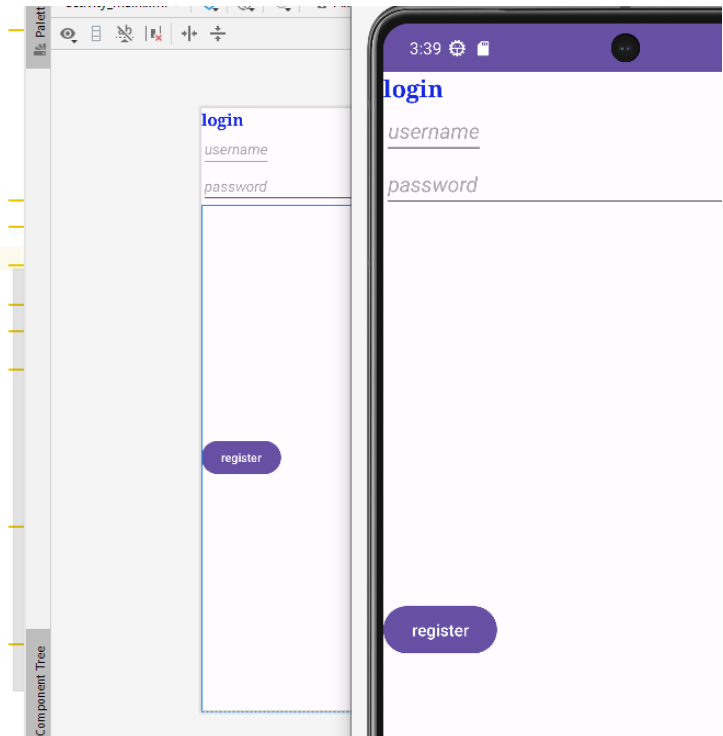
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="horizontal">

        <Button
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_gravity="center"
            android:text="register" />

    </LinearLayout>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="forgot password?"
        android:textColor="@color/material_dynamic_neutral60"
        android:textStyle="italic" />

```



## Spaces between the views

### Layout-weight

```

<LinearLayout 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"
    android:orientation="vertical"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/login"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center_horizontal"
        android:fontFamily="serif"
        android:text="login"
        android:layout_weight="1"
        android:textColor="#1328DF"
        android:textSize="28dp"
        android:textStyle="bold" />

    <EditText
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:hint="username"
        android:textStyle="italic"/>

    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="password"
        android:textStyle="italic"/>

```

