HW4: Multiple Layouts

Martin Mudenda Bbela 2582912

Overview:

Create an app that showcases different types of layouts:

- In the main activity, add three buttons
- Button-1: on click, it should start another activity with a linear layout as shown
- Button-2: on click, it should start another activity with a table layout as shown
- Button-3: on click, it should start another activity with a relative layout as shown

Method:

Main Activity:

Main activity contains 3 buttons all wired to start new activities that will showcase their respective layout:



TableLayoutActivity:

Bare code in the activity will set the content view to the activity_tab_layayout in the xml file which has the Formatted Layout code.

```
celleLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/apk/res-auto"
    xmlns:dools="http://schemas.android.com/apk/res-auto"
    android:layout_height="match_parent"
    tools:context=".TableLayoutActivity">
cableRow>
    </rableRow>
    <
```

```
public class TableLayoutActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_table_layout);
    }
}
```

RelativeLayoutActivity:

Similarly bare, this activity is linked to a layout file this time it uses a relative Layout Format with a mockup.

ActivityLinearLayout

Also similarly bare, This one has a Linear layout.

```
**InearLayout 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:layout_width="ioold"
    android:layout_width="ioold"
    android:layout_width="olod"
    android:layout_height="olod"
    android:layout_gravity="left"
    android:layout_width="ioold"
    android:layout_width="olodp"
    android:layout_width="olodp"
    android:layout_width="olodp"
    android:layout_width="olodp"
    android:layout_weight="0."
    android:layout_weight="0."
    android:layout_weight="0."
    android:layout_weight="0."
    android:layout_weight="0."
    android:layout_width="olodp"
    android:layout_width="olodp"
    android:layout_width="10."
    android:layout_width="0."
    android:layout_width="0."
    android:layout_width="0."
    android:layout_width="0."
    android:layout_weight="0."
    android:layout_weigh
```

Result:

The Application Allows the User to view Multiple different Layouts with the touch of their respective buttons. The back button will navigate them to the original activity.







