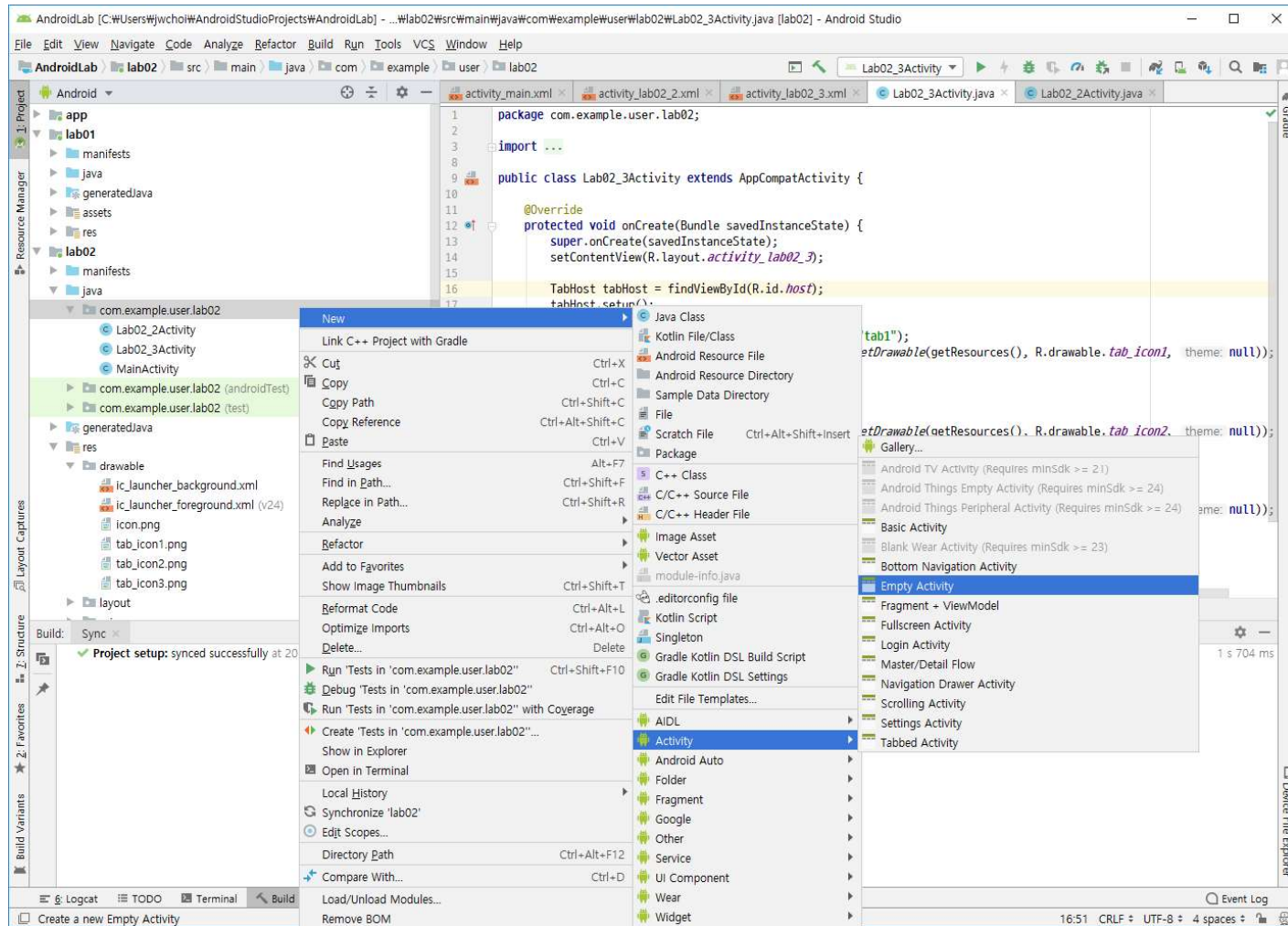




TableLayout, GridLayout 활용

# Step 1 \_ 액티비티 추가




New Android Activity

 **Configure Activity**  
Android Studio



### Creates a new empty activity



Activity Name:

Lab02\_4Activity

☒ Generate Layout File

Layout Name:

activity\_lab02\_4

☒ Launcher Activity

Package name:

com.example.user.lab02

Source Language:

Java

If true, this activity will have a CATEGORY\_LAUNCHER intent filter, making it visible in the launcher

Previous

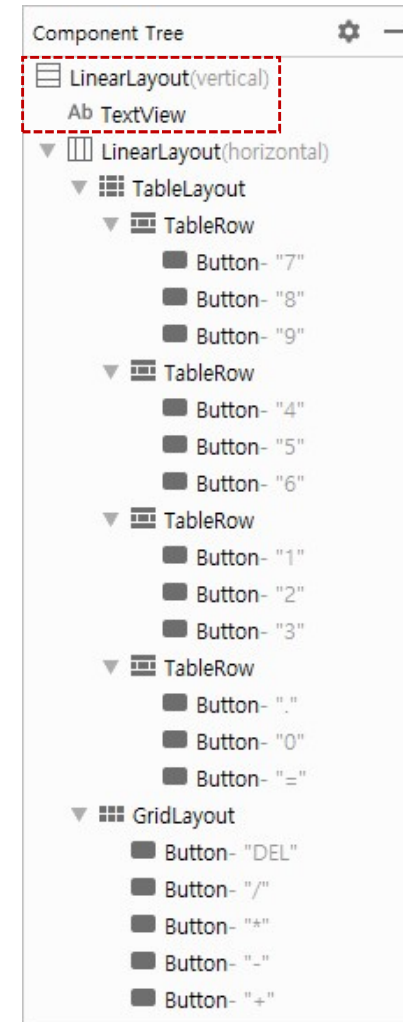
Next

Cancel

Finish

# Step 2 \_ activity\_lab02\_4.xml 작성

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">
    <!-- TextView에 weight를 설정하여 버튼 부분이 하단에 위치하게 처리 -->
    <TextView
        android:layout_width="match_parent"
        android:layout_height="0dp"
        android:layout_weight="1" />
```



TableLayout과 GridLayout에 추가된 뷰의 layout\_width, layout\_height 값은 기본 wrap\_content로 지정됨

<LinearLayout

```
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal">
```

*<!-- 폰 화면 사이즈 호환성을 위해 가로 사이즈를 모두 0dp로 지정 후 weight값 지정 -->*

<TableLayout

```
    android:layout_width="0dp"
    android:layout_height="match_parent"
    android:layout_weight="3">
```

<TableRow>

<Button

```
    android:layout_width="0dp"
    android:layout_weight="1"
    android:text="7"
    android:paddingTop="32dp"
    android:paddingBottom="32dp" />
```

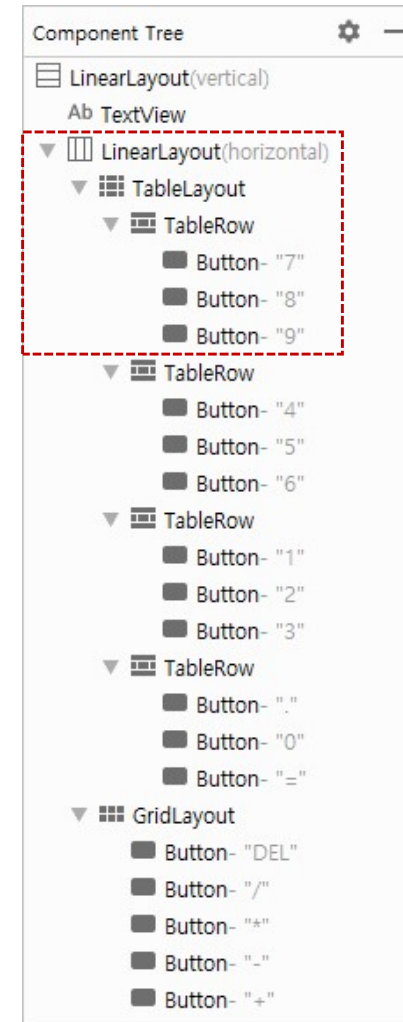
<Button

```
    android:layout_width="0dp"
    android:layout_weight="1"
    android:text="8"
    android:paddingTop="32dp"
    android:paddingBottom="32dp" />
```

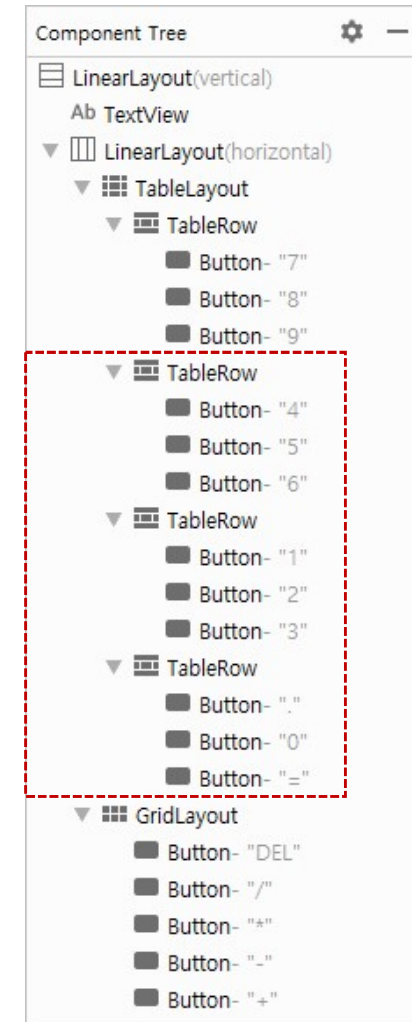
<Button

```
    android:layout_width="0dp"
    android:layout_weight="1"
    android:text="9"
    android:paddingTop="32dp"
    android:paddingBottom="32dp" />
```

</TableRow>



<pre> &lt;TableRow&gt;      &lt;Button         android:layout_width="0dp"         android:layout_weight="1"         android:text="4"         android:paddingTop="32dp"         android:paddingBottom="32dp" /&gt;      &lt;Button         android:layout_width="0dp"         android:layout_weight="1"         android:text="5"         android:paddingTop="32dp"         android:paddingBottom="32dp" /&gt;      &lt;Button         android:layout_width="0dp"         android:layout_weight="1"         android:text="6"         android:paddingTop="32dp"         android:paddingBottom="32dp" /&gt;  &lt;/TableRow&gt; </pre>	<pre> &lt;TableRow&gt;      &lt;Button         android:layout_width="0dp"         android:layout_weight="1"         android:text="1"         android:paddingTop="32dp"         android:paddingBottom="32dp" /&gt;      &lt;Button         android:layout_width="0dp"         android:layout_weight="1"         android:text="2"         android:paddingTop="32dp"         android:paddingBottom="32dp" /&gt;      &lt;Button         android:layout_width="0dp"         android:layout_weight="1"         android:text="3"         android:paddingTop="32dp"         android:paddingBottom="32dp" /&gt;  &lt;/TableRow&gt; </pre>	<pre> &lt;TableRow&gt;      &lt;Button         android:layout_width="0dp"         android:layout_weight="1"         android:text="."         android:paddingTop="32dp"         android:paddingBottom="32dp" /&gt;      &lt;Button         android:layout_width="0dp"         android:layout_weight="1"         android:text="0"         android:paddingTop="32dp"         android:paddingBottom="32dp" /&gt;      &lt;Button         android:layout_width="0dp"         android:layout_weight="1"         android:text="="         android:paddingTop="32dp"         android:paddingBottom="32dp" /&gt;  &lt;/TableRow&gt;  &lt;/TableLayout&gt; </pre>
---	---	---



```

<GridLayout
    android:layout_width="0dp"
    android:layout_height="match_parent"
    android:layout_weight="1"
    android:orientation="vertical">

    <Button
        android:text="DEL"
        android:paddingTop="24dp"
        android:paddingBottom="24dp" />

    <Button
        android:text="/"
        android:paddingTop="24dp"
        android:paddingBottom="24dp" />

    <Button
        android:text="*"
        android:paddingTop="24dp"
        android:paddingBottom="24dp" />

    <Button
        android:text="-"
        android:paddingTop="24dp"
        android:paddingBottom="24dp" />

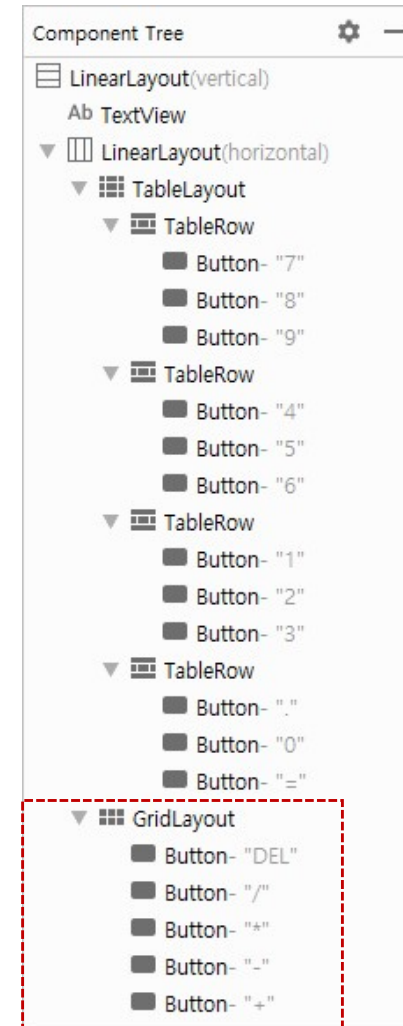
    <Button
        android:text="+"
        android:paddingTop="24dp"
        android:paddingBottom="24dp" />

</GridLayout>

</LinearLayout>

</LinearLayout>

```



# Step 3 \_ Lab02\_4Activity.java 실행

