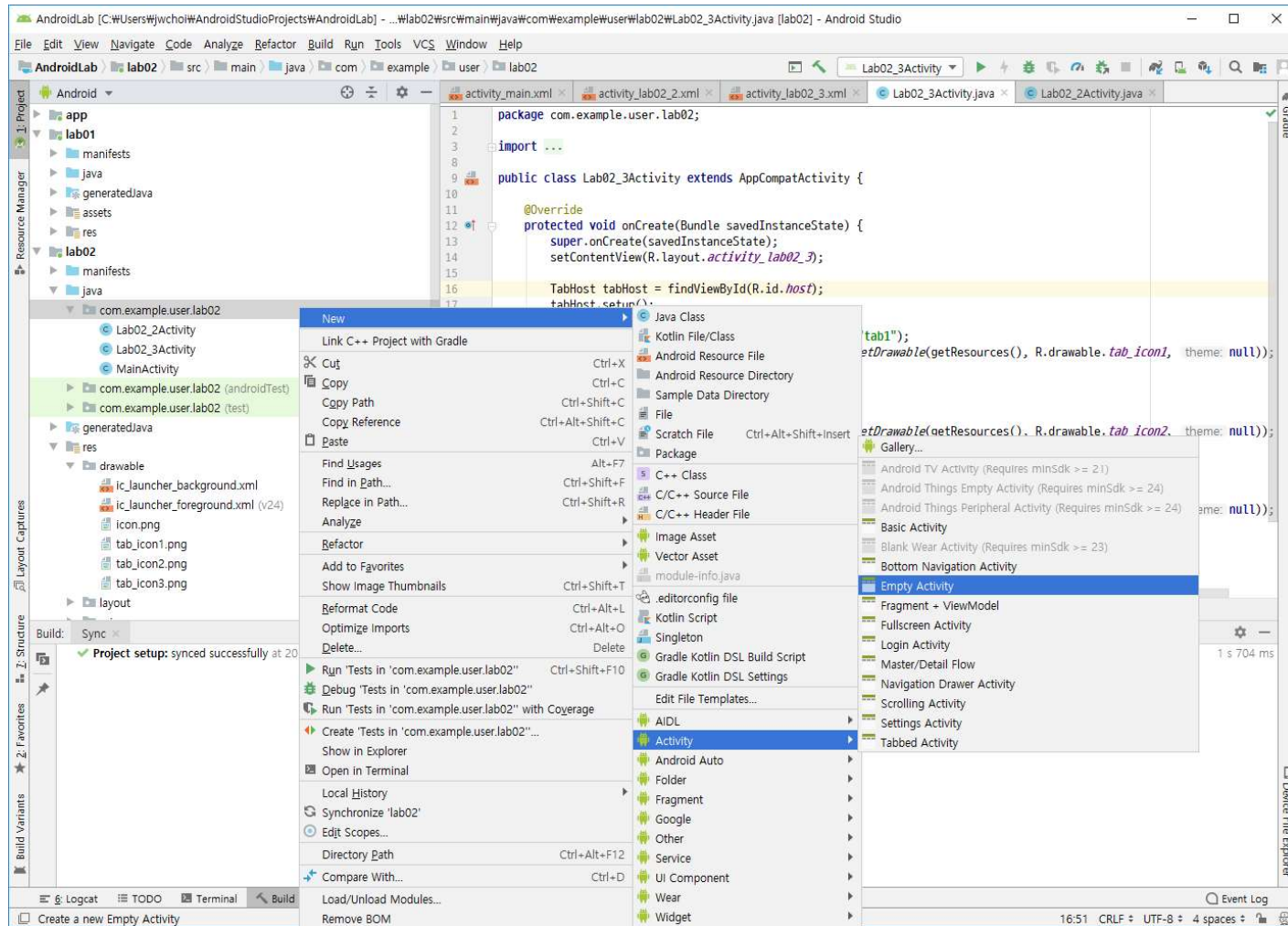




TableLayout, GridLayout 활용

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

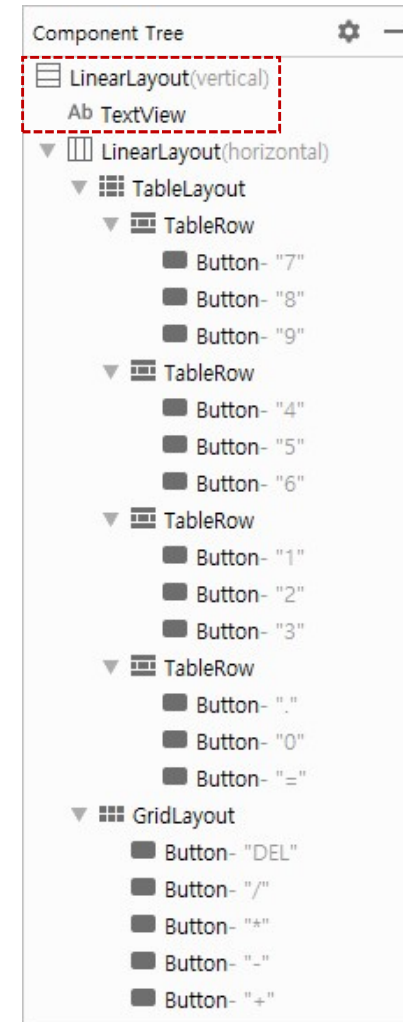
Next

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" />
```

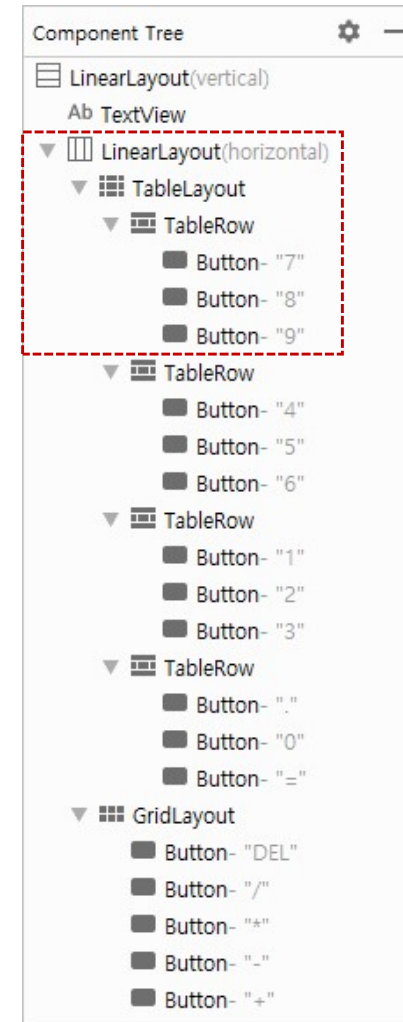
<Button

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

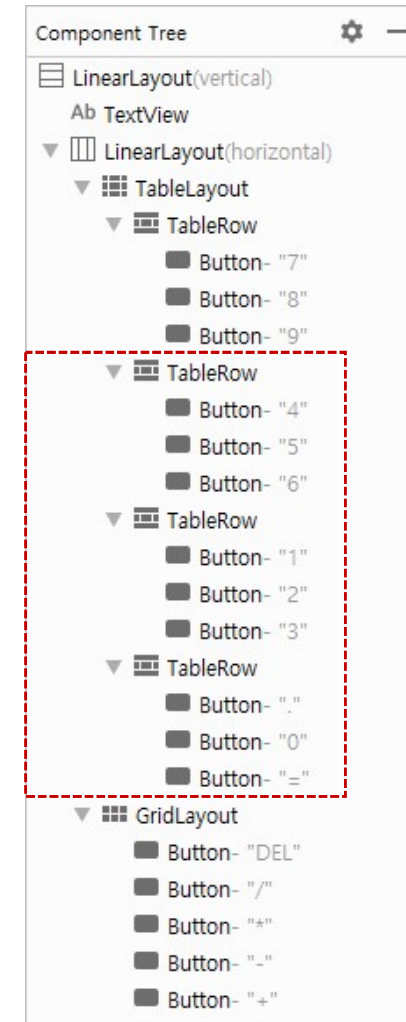
<Button

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

</TableRow>



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

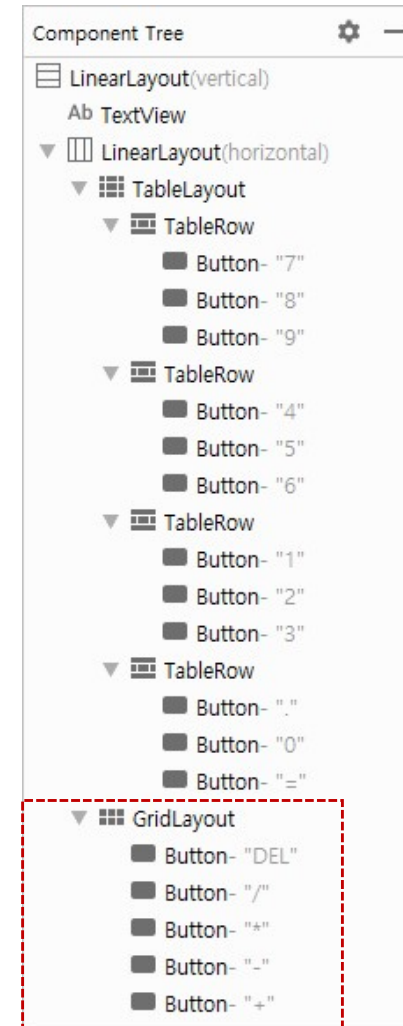
    <Button
        android:text="+"
        android:paddingTop="24dp"
        android:paddingBottom="24dp" />

</GridLayout>

</LinearLayout>

</LinearLayout>

```



Step 3 _ Lab02_4Activity.java 실행

