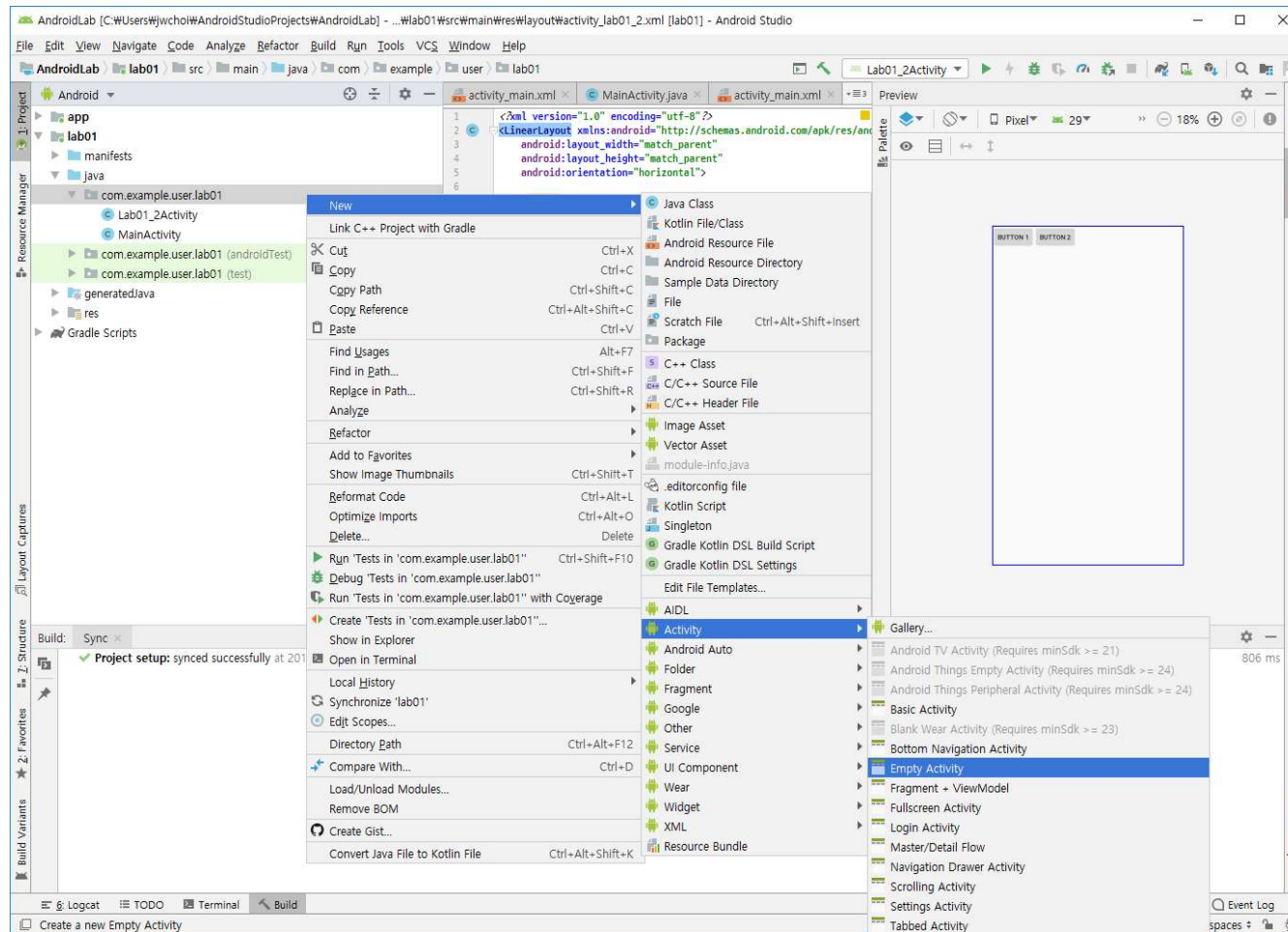




뷰 기초 속성 활용

Step 1 _ 액티비티 추가




New Android Activity

 **Configure Activity**
Android Studio



Creates a new empty activity



Activity Name:

Lab01_3Activity

☒ Generate Layout File

Layout Name:

activity_lab01_3

☒ Launcher Activity

Package name:

com.example.user.lab01

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_lab01_3.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">

    <Button
        android:id="@+id/btn_visible_true"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="visible true" />

    <TextView
        android:id="@+id/text_visible_target"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="hello world"
        android:background="#FF0000"
        android:textColor="#FFFFFF"
        android:padding="16dp"
        android:visibility="invisible" />

    <Button
        android:id="@+id/btn_visible_false"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="visible false" />

</LinearLayout>
```

Step 3 _ Lab01_3Activity.java 작성

```
public class Lab01_3Activity extends AppCompatActivity implements View.OnClickListener {
```

```
    Button trueBtn;  
    TextView targetTextView;  
    Button falseBtn;
```

```
    @Override
```

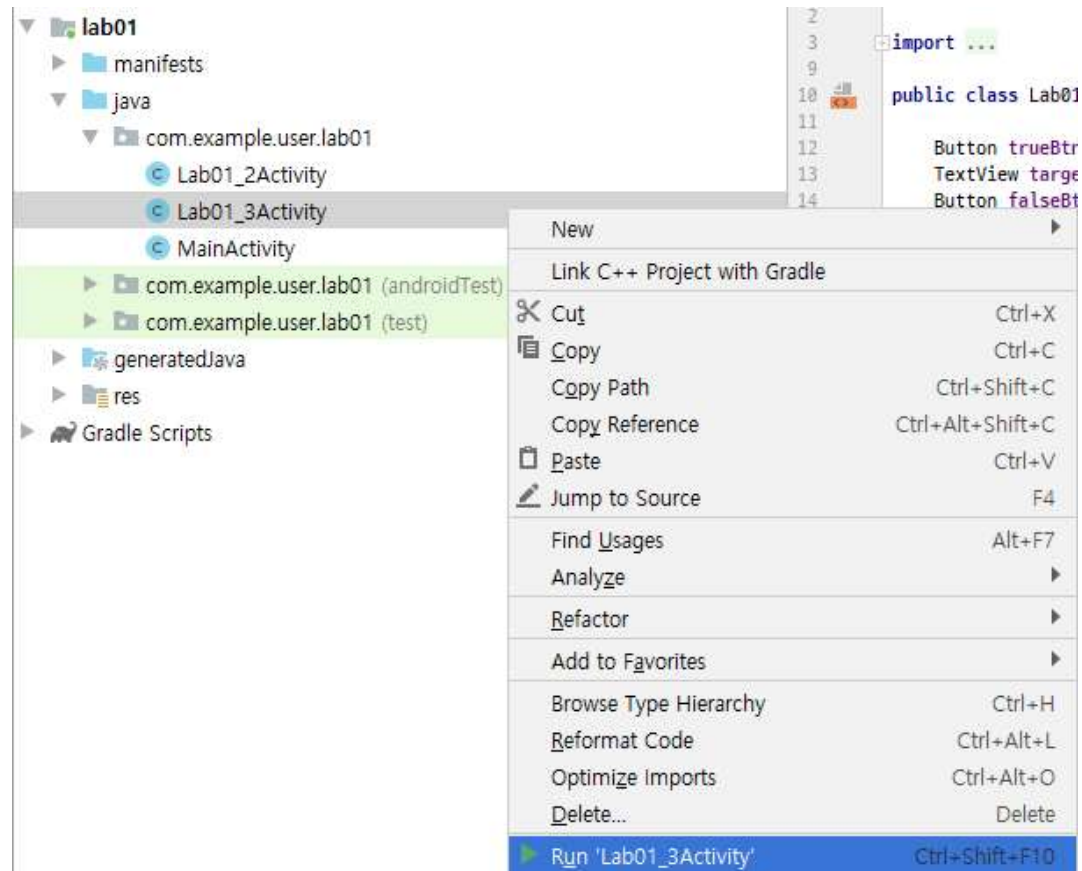
```
    protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_lab01_3);  
        // View 객체 획득  
        trueBtn = (Button)findViewById(R.id.btn_visible_true);  
        targetTextView = (TextView)findViewById(R.id.text_visible_target);  
        falseBtn = (Button)findViewById(R.id.btn_visible_false);  
        // Button 이벤트 등록  
        trueBtn.setOnClickListener(this);  
        falseBtn.setOnClickListener(this);  
    }
```

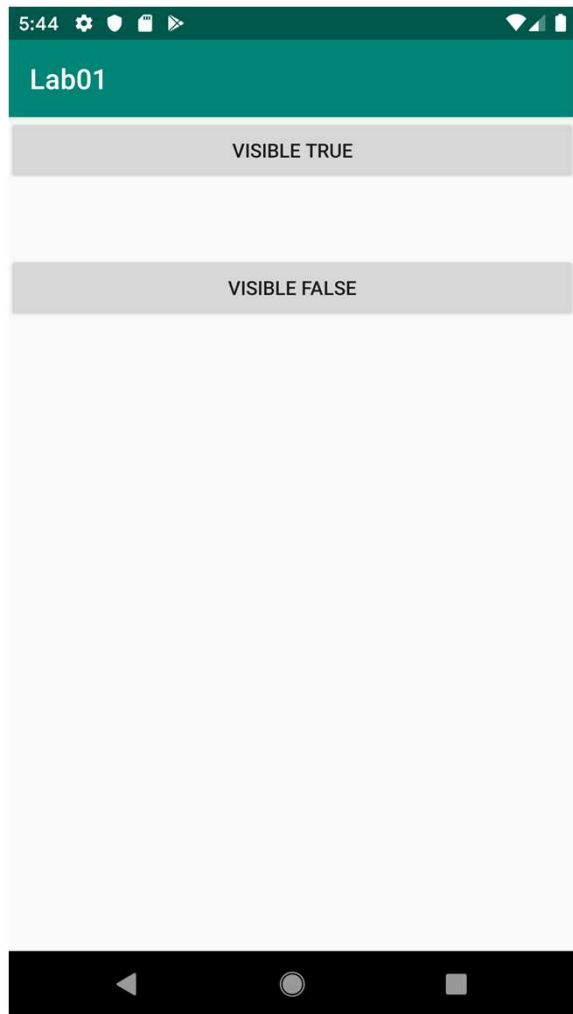
```
    // 버튼 이벤트 콜백함수
```

```
    @Override
```

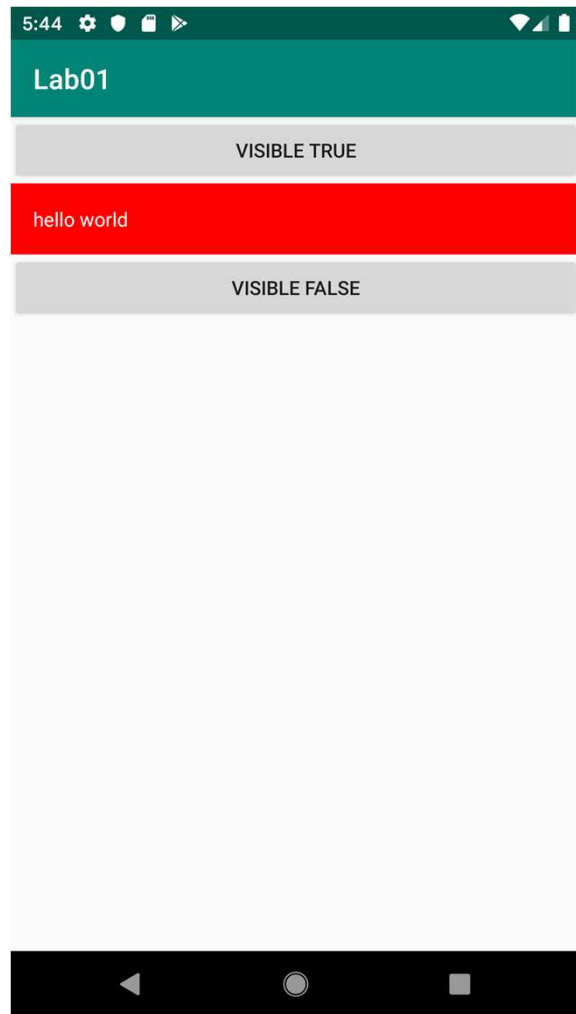
```
    public void onClick(View view) {  
        if(view == trueBtn) {  
            // trueBtn이 눌리면 targetTextView를 visible 상태로 변경  
            targetTextView.setVisibility(View.VISIBLE);  
        } else if(view == falseBtn) {  
            // falseBtn이 눌리면 targetTextView를 invisible 상태로 변경  
            targetTextView.setVisibility(View.INVISIBLE);  
        }  
    }  
}
```

Step 4 _ 앱 실행





초기 상태



visible



invisible