Practical no 3:

Activity\_main.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<android.support.constraint.ConstraintLayout 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"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="ANDROID PARACTICAL NO 3 APPLICTION LIFE CYCLE"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentTop="true"  
 android:id="@+id/textView"  
 android:layout\_marginTop="146dp"  
 android:layout\_marginRight="142dp"  
 android:textSize="30sp"  
 android:textStyle="bold"  
 android:gravity="top|center\_horizontal"  
 android:layout\_gravity="fill"  
 tools:ignore="MissingConstraints" />  
 <Button  
 android:text="jump To next Activity"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/btn\_next\_activity"  
 android:gravity="center"  
 tools:ignore="MissingConstraints" />  
  
  
  
  
</android.support.constraint.ConstraintLayout>

MainActivity.kt

package com.example.myapplication  
  
import android.content.ContentValues.*TAG*import android.content.Context  
import android.content.Intent  
import android.support.v7.app.AppCompatActivity  
import android.os.Bundle  
import android.util.Log  
import android.widget.Button  
  
class MainActivity : AppCompatActivity() {  
 internal var context:Context?=null  
 val Tag ="Activity Status"  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main*)  
 context=this@MainActivity  
 val btnNextActivity=findViewById(R.id.*btn\_next\_activity*)as Button  
 btnNextActivity.setOnClickListener **{** view**->** val intent = Intent(this,MainActivity2:: class.*java*)  
 startActivity(intent);  
 finish();  
 Log.i(Tag,"oncreate")  
 **}** }  
 override fun onStart() {  
 super.onStart()  
 Log.i(Tag,"onstart")  
 }  
 override fun onResume() {  
 super.onResume()  
 Log.i(Tag,"onResume")  
 }  
 override fun onPause() {  
 super.onPause()  
 Log.i(Tag,"onPause")  
 }  
 override fun onStop() {  
 super.onStop()  
 Log.i(Tag,"onStop")  
 }  
 override fun onRestart() {  
 super.onRestart()  
 Log.i(Tag,"onRestart")  
 }  
 fun onDestoy() {  
 super.onDestroy()  
 Log.i(Tag,"onDestroy")  
 }  
 fun onsavedInstanceState(SavedInstanceState: Bundle?)  
 {  
 if (SavedInstanceState != null) {  
 super.onRestoreInstanceState(SavedInstanceState)  
 }  
 Log.i(*TAG*,"onRestoreInstanceState")  
 }  
}

activity\_main2.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<android.support.constraint.ConstraintLayout 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"  
 tools:context=".MainActivity2">  
  
 <CalendarView  
 android:id="@+id/calendarView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="37dp"  
 android:layout\_marginTop="69dp"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
</android.support.constraint.ConstraintLayout>

MainActivity2.kt

package com.example.myapplication  
  
import android.support.v7.app.AppCompatActivity  
import android.os.Bundle  
  
class MainActivity2 : AppCompatActivity() {  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main2*)  
 }  
}

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