**Activity Lifecycle**

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.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="Hello World!"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity.java**

package com.example.activitylifecycle;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.util.Log;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 Toast.*makeText*(this, "onCreate Finished", Toast.*LENGTH\_SHORT*).show();  
 Log.*i*("MainActivity","onCreate");  
 }  
  
 protected void onStart(){  
 super.onStart();  
 Toast.*makeText*(this, "onStart Finished", Toast.*LENGTH\_SHORT*).show();  
 Log.*i*("MainActivity","onStart");  
 }  
  
 protected void onPause(){  
 super.onPause();  
 Toast.*makeText*(this, "onPause Finished", Toast.*LENGTH\_SHORT*).show();  
 Log.*i*("MainActivity","onPause");  
 }  
  
 protected void onStop(){  
 super.onStop();  
 Toast.*makeText*(this, "onStop Finished", Toast.*LENGTH\_SHORT*).show();  
 Log.*i*("MainActivity","onStop");  
 }  
  
 protected void onRestart(){  
 super.onRestart();  
 Toast.*makeText*(this, "onRestart Finished", Toast.*LENGTH\_SHORT*).show();  
 Log.*i*("MainActivity","onRestart");  
 }  
  
 protected void onDestroy(){  
 super.onDestroy();  
 Toast.*makeText*(this, "onDestroy Finished", Toast.*LENGTH\_SHORT*).show();  
 Log.*i*("MainActivity","onDestroy");  
 }  
}