**SAMPLE CODE**

package com.example.lifecycleexample;

import android.os.Bundle;

import android.util.Log;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

private static final String TAG = "ActivityLifecycle";

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Log.d(TAG, "onCreate: Activity is being created");

}

@Override

protected void onStart() {

super.onStart();

Log.d(TAG, "onStart: Activity is about to become visible");

}

@Override

protected void onResume() {

super.onResume();

Log.d(TAG, "onResume: Activity has become visible (it is now resumed)");

}

@Override

protected void onPause() {

super.onPause();

Log.d(TAG, "onPause: Another activity is taking focus (this activity is about to be paused)");

}

@Override

protected void onStop() {

super.onStop();

Log.d(TAG, "onStop: Activity is no longer visible");

}

@Override

protected void onDestroy() {

super.onDestroy();

Log.d(TAG, "onDestroy: Activity is about to be destroyed");

}

}