

MainActivity.java

```
package com.example.lifecycle;

import static android.content.ContentValues.TAG;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.util.Log;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    private static final String TAG = "MainActivity";

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Toast.makeText(this, "onCreate MainActivity",
Toast.LENGTH_SHORT).show();
        Log.d(TAG, "onCreate MainActivity");
    }

    protected void onStart() {
        Toast.makeText(this, "onStart MainActivity",
Toast.LENGTH_SHORT).show();
        Log.d(TAG, "onStart MainActivity");
        super.onStart();
    }

    protected void onResume() {

        Toast.makeText(this, "onResume MainActivity",
Toast.LENGTH_SHORT).show();
        Log.d(TAG, "onResume MainActivity");
        super.onResume();
    }

    protected void onPause() {
        Toast.makeText(this, "onPause MainActivity",
Toast.LENGTH_SHORT).show();
        Log.d(TAG, "onPause MainActivity");
        super.onPause();
    }

    protected void onStop() {
        Toast.makeText(this, "onStop MainActivity",
Toast.LENGTH_SHORT).show();
        Log.d(TAG, "onStop MainActivity");
        super.onStop();
    }

    protected void onRestart() {
```

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        Toast.makeText(this, "onRestart MainActivity",
Toast.LENGTH_SHORT).show();
        Log.d(TAG, "onRestart MainActivity");
        super.onRestart();
    }

    protected void onDestroy() {
        Toast.makeText(this, "onDestroy MainActivity",
Toast.LENGTH_SHORT).show();
        Log.d(TAG, "onDestroy MainActivity");
        super.onDestroy();
    }
}

```

themes.xml

```

<resources xmlns:tools="http://schemas.android.com/tools">
    <!-- Base application theme. -->
    <style name="Theme.LifeCycle"
parent="Theme.MaterialComponents.DayNight.DarkActionBar">
        <!-- Primary brand color. -->
        <item name="colorPrimary">@color/purple_500</item>
        <item name="colorPrimaryVariant">@color/purple_700</item>
        <item name="colorOnPrimary">@color/white</item>
        <!-- Secondary brand color. -->
        <item name="colorSecondary">@color/teal_200</item>
        <item name="colorSecondaryVariant">@color/teal_700</item>
        <item name="colorOnSecondary">@color/black</item>
        <!-- Status bar color. -->
        <item name="android:statusBarColor"
tools:targetApi="1">?attr/colorPrimaryVariant</item>
        <!-- Customize your theme here. -->

    </style>
    <!-- Splash screen-->
    <style name="SplashScreen"
parent="Theme.MaterialComponents.DayNight.NoActionBar">
        <item name="android:windowBackground">@drawable/splashscreen</item>
        <item name="android:statusBarColor"
tools:targetApi="1">?attr/colorPrimaryVariant</item>
    </style>
</resources>

```

Splashscreenjava.java

```

package com.example.lifecycle;

import android.content.Intent;
import android.os.Bundle;
import android.os.Handler;
import android.window.SplashScreen;

import androidx.appcompat.app.AppCompatActivity;

```

```

public class splashscreenjava extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                startActivity(new Intent(splashscreenjava.this,
MainActivity.class));
                finish();
            }
        }, 2000);
    }
}

```

AndroidManifest.xml

```

<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    package="com.example.lifecycle">

    <application
        android:allowBackup="true"
        android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.LifeCycle"
        tools:targetApi="31">
        <activity android:name=".MainActivity"/>
        <activity
            android:name=".splashscreenjava"
            android:exported="true"
            android:theme="@style/SplashScreen">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>

```

Splashscreen.xml

```

<?xml version="1.0" encoding="utf-8"?>
<layer-list xmlns:android="http://schemas.android.com/apk/res/android">
    <item android:drawable="@color/bg_blue"/>
    <item>

```

```
        <bitmap android:src="@drawable/hod_logo" android:gravity="center"/>
    </item>
</layer-list>
```