Activity Life Cycle (First Run)


```
Emulator Nexus_5_API_24 emulator-5554 [DISCONNECTED]    com.example.itech_mgr.lifecycle2 (2390) [DEAD]

        [ 04-16 06:07:11.356  2194: 2194 W/            ]
        Unrecognized GLES max version string in extensions: ANDROID_EMUL_CHECKSUM_HELPER_v1
04-16 06:07:12.398 2390-2390/com.example.itech_mgr.lifecycle2 D/Lifecycle Step: In the onCreate() event
04-16 06:07:12.401 2390-2390/com.example.itech_mgr.lifecycle2 D/Lifecycle Step: In the onStart() event
04-16 06:07:12.412 2390-2390/com.example.itech_mgr.lifecycle2 D/Lifecycle Step: In the onResume() event
04-16 06:07:12.513 2390-2412/com.example.itech_mgr.lifecycle2 I/OpenGLRenderer: Initialized EGL, version 1.4
04-16 06:07:12.514 2390-2412/com.example.itech_mgr.lifecycle2 D/OpenGLRenderer: Swap behavior 1
04-16 06:07:12.526 2390-2412/com.example.itech_mgr.lifecycle2 D/EGL_emulation: eglCreateContext: 0xaa3348a0: maj 2 min 0
04-16 06:07:12.553 2390-2412/com.example.itech_mgr.lifecycle2 D/EGL_emulation: eglMakeCurrent: 0xaa3348a0: ver 2 0 (tinfo
04-16 06:07:12.586 2390-2390/com.example.itech_mgr.lifecycle2 W/art: Before Android 4.1, method int android.support.v7.wi
04-16 06:07:12.594 2390-2412/com.example.itech_mgr.lifecycle2 D/EGL_emulation: eglMakeCurrent: 0xaa3348a0: ver 2 0 (tinfo

4: Run    TODO    6: Logcat    Android Profiler    Terminal    0: Messages
Emulator: emulator: WARNING: UpdateCheck: Failure: Error (a minute ago)
```
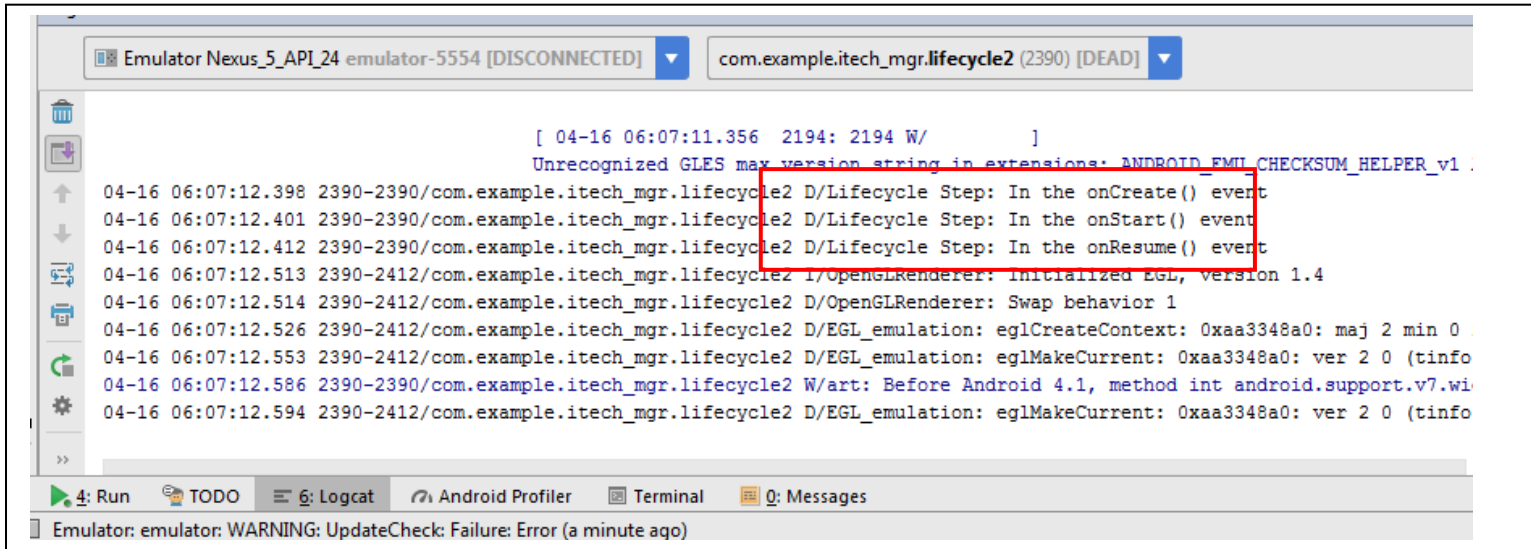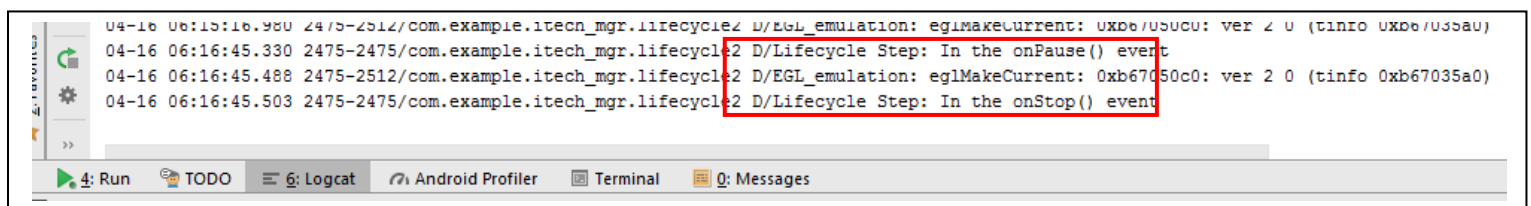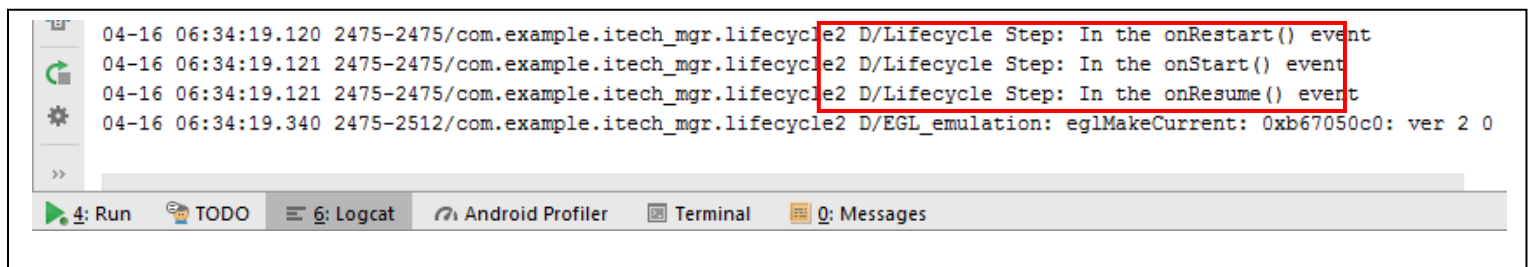
After pressing on the **HOME** button (Circle) The "HOME" button lets you return to the Home Screen from anywhere in the apps.

```
04-16 06:15:16.980 2475-2512/com.example.itech_mgr.lifecycle2 D/EGL_emulation: eglMakeCurrent: 0xb67050c0: ver 2 0 (tinfo 0xb67035a0)
04-16 06:16:45.330 2475-2475/com.example.itech_mgr.lifecycle2 D/Lifecycle Step: In the onPause() event
04-16 06:16:45.488 2475-2512/com.example.itech_mgr.lifecycle2 D/EGL_emulation: eglMakeCurrent: 0xb67050c0: ver 2 0 (tinfo 0xb67035a0)
04-16 06:16:45.503 2475-2475/com.example.itech_mgr.lifecycle2 D/Lifecycle Step: In the onStop() event

4: Run    TODO    6: Logcat    Android Profiler    Terminal    0: Messages
```
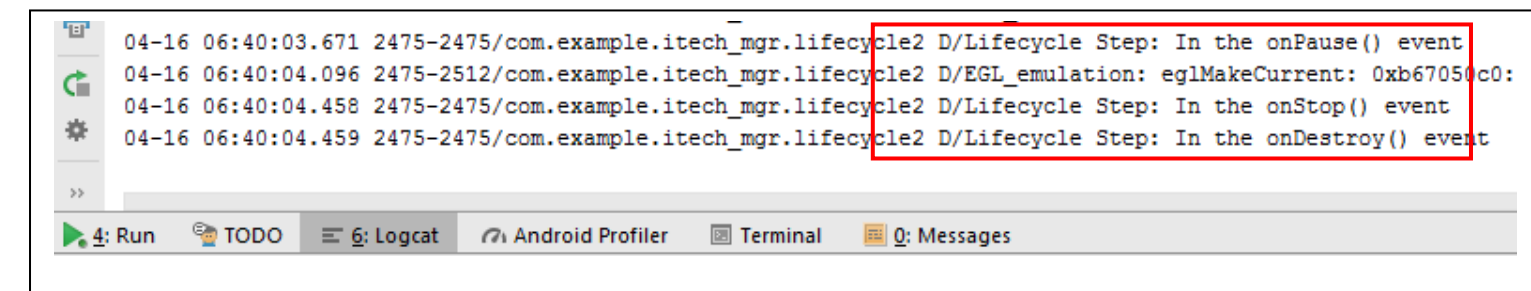
After pressing on the **RECENTS** button (Square) The "RECENTS" button shows you all the recent apps in a scrolling list. as seen in the image below. This allows you to switch between apps, without quitting the current app. From this list, you can quit an app by pressing the "x" on the top-right corner, or by simply swiping that app to either side of the screen.

```
04-16 06:34:19.120 2475-2475/com.example.itech_mgr.lifecycle2 D/Lifecycle Step: In the onRestart() event
04-16 06:34:19.121 2475-2475/com.example.itech_mgr.lifecycle2 D/Lifecycle Step: In the onStart() event
04-16 06:34:19.121 2475-2475/com.example.itech_mgr.lifecycle2 D/Lifecycle Step: In the onResume() event
04-16 06:34:19.340 2475-2512/com.example.itech_mgr.lifecycle2 D/EGL_emulation: eglMakeCurrent: 0xb67050c0: ver 2 0

4: Run    TODO    6: Logcat    Android Profiler    Terminal    0: Messages
```

After pressing on the **BACKS** button (Triangle) The "BACK" button lets you move one step back in any app. If we are in the main page of the app, pressing BACK will quit the app.

```
04-16 06:40:03.671 2475-2475/com.example.itech_mgr.lifecycle2 D/Lifecycle Step: In the onPause() event
04-16 06:40:04.096 2475-2512/com.example.itech_mgr.lifecycle2 D/EGL_emulation: eglMakeCurrent: 0xb67050c0:
04-16 06:40:04.458 2475-2475/com.example.itech_mgr.lifecycle2 D/Lifecycle Step: In the onStop() event
04-16 06:40:04.459 2475-2475/com.example.itech_mgr.lifecycle2 D/Lifecycle Step: In the onDestroy() event

4: Run    TODO    6: Logcat    Android Profiler    Terminal    0: Messages
```

XML

```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="com.example.itech_mgr.lifecycle2.MainActivity">

    <TextView
        android:id="@+id/textView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Activity life cycle"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</android.support.constraint.ConstraintLayout>
```

Java

```java
package com.example.itech_mgr.lifecycle2;
import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
public class MainActivity extends AppCompatActivity {

    String tag = "Lifecycle Step";

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        Log.d(tag, "In the onCreate() event");
    }

    public void onStart()
    {
        super.onStart();
        Log.d(tag, "In the onStart() event");
    }
    public void onRestart()
    {
        super.onRestart();
        Log.d(tag, "In the onRestart() event");
    }
    public void onResume()
    {
        super.onResume();
        Log.d(tag, "In the onResume() event");
    }
    public void onPause()
    {
        super.onPause();
        Log.d(tag, "In the onPause() event");
    }
    public void onStop()
    {
```
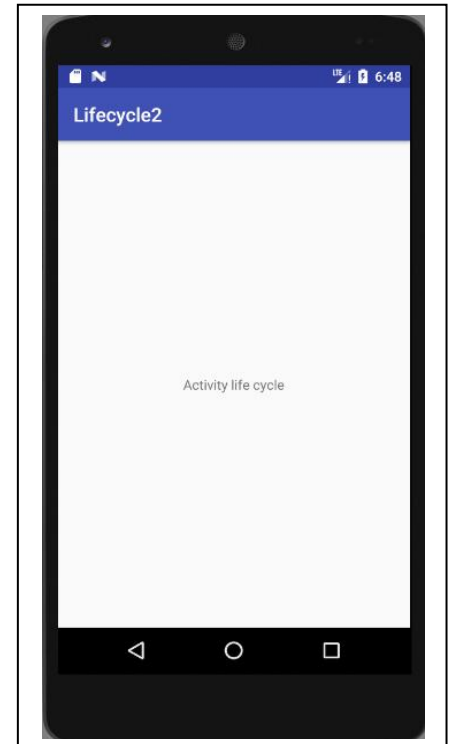
```java
        super.onStop();
        Log.d(tag, "In the onStop() event");
    }
    public void onDestroy()
    {
        super.onDestroy();
        Log.d(tag, "In the onDestroy() event");
    }

}
```