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Android Development.

① 2 answer

file: 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="matchParent"
```

```
    android:layout_height="matchParent"
```

```
<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">

main Activity Java

Package Example. google - - -

```
import android.app.Activity;
```

```
import android.os.Bundle;
```

```
import android.util.Log;
```

```
public class MainActivity extends Activity
```

```
{
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {
```

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main);
```

```
        Log.d("lifecycle", "oncreate invoked");
```

```
    }
```

```
    @Override
```

```
    protected void onStart() {
```

```
        super.onStart();
```

```
'log.d("lifecycle", "onstart invoked");  
'
```

① override

protected void onResume()

```
{  
    super.onResume();
```

```
    log.d("lifecycle", "onResume invoked");  
}
```

②

protected void onPause()

```
{  
    super.onPause();
```

```
    log.d("lifecycle", "onPause invoked");  
}
```

③ override

protected void onDestroy()

```
{
```

```
    super.onDestroy();
```

```
    log.d("lifecycle", "onDestroy invoked");  
}
```

Hello World!

Emulator Nexus_5X_API_24 Android 7.0, API 24

example.javatpoint.com.activitylifecycle (8079)

Verbose



Regex

```
06-29 12:35:28.709 1572-1685/? I/ActivityManager: Slow operation: 55ms so far, now at startProcess: building log message
06-29 12:35:28.709 1572-1685/? I/ActivityManager: Start proc 8079:example.javatpoint.com.activitylifecycle/u0a103 for acti
06-29 12:35:28.709 1572-1685/? W/ActivityManager: Slow operation: 55ms so far, now at startProcess: starting to update pi
06-29 12:35:28.709 1572-1685/? W/ActivityManager: Slow operation: 55ms so far, now at startProcess: done updating pids ma
06-29 12:35:28.709 1572-1685/? W/ActivityManager: Slow operation: 60ms so far, now at startProcess: done starting proc!
06-29 12:35:28.779 1969-2101/? D/EGL_emulation: eglMakeCurrent: 0x9a078f00: ver 2 0 (tinfo 0xa3b30530)
06-29 12:35:28.938 1288-3657/? D/gralloc_ranchu: gralloc_alloc: Creating ashmem region of size 8294400
06-29 12:35:29.091 8079-8079/example.javatpoint.com.activitylifecycle W/System: ClassLoader referenced unknown path: /dat
06-29 12:35:29.123 8079-8079/example.javatpoint.com.activitylifecycle I/InstantRun: starting instant run server: is main
06-29 12:35:29.234 8079-8079/example.javatpoint.com.activitylifecycle D/lifecycle: onCreate invoked
06-29 12:35:29.236 8079-8079/example.javatpoint.com.activitylifecycle D/lifecycle: onStart invoked
06-29 12:35:29.240 8079-8079/example.javatpoint.com.activitylifecycle D/lifecycle: onResume invoked
06-29 12:35:29.250 1288-1307/? E/SurfaceFlinger: ro.sf.lcd_density must be defined as a build property

[ 06-29 12:35:29.256 8079: 8079 D/
HostConnection::get() New Host Connection established 0x983ba480, tid 80

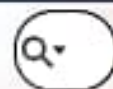
[ 06-29 12:35:29.871 8079: 8096 D/
HostConnection::get() New Host Connection established 0x983ba700, tid 80

06-29 12:35:29.873 1572-1592/? I/Choreographer: Skipped 57 frames! The application may be doing too much work on its main
06-29 12:35:30.032 8079-8096/example.javatpoint.com.activitylifecycle I/OpenCLBender: Initialized ECI version 1.4
```

Emulator Nexus_5X_API_24 Android 7.0, API 24

example.javatpoint.com.activitylifecycle (8079)

Verbose

☒ Regex

```
[ 06-29 12:41:43.485 1572: 1604 D/          ]
HostConnection::get() New Host Connection established 0x89d96180, tid 1604
06-29 12:41:43.510 1288-1288/? E/EGL_emulation: tid 1288: eglCreateSyncKHR(1901): error 0x3004 (EGL_BAD_ATTRIBUTE)
06-29 12:41:43.671 1572-1581/? I/art: Background partial concurrent mark sweep GC freed 24948(2MB) AllocSpace objects, 41
06-29 12:41:43.841 8079-8096/example.javatpoint.com.activitylifecycle D/EGL_emulation: eglMakeCurrent: 0x9a0b2500: ver 2 0
06-29 12:41:44.103 1644-1673/? I/art: Background partial concurrent mark sweep GC freed 37910(1262KB) AllocSpace objects,
06-29 12:41:44.208 8079-8079/example.javatpoint.com.activitylifecycle D/lifecycle: onStop invoked
06-29 12:41:44.339 1572-1581/? I/art: Background partial concurrent mark sweep GC freed 22835(2MB) AllocSpace objects, 2(
06-29 12:41:44.445 1969-2101/? D/EGL_emulation: eglMakeCurrent: 0x9a078f00: ver 2 0 (tinfo 0xa3b30530)
06-29 12:41:44.946 1969-2101/? W/OpenGLRenderer: Incorrectly called buildLayer on View: ShortcutAndWidgetContainer, destro
06-29 12:42:03.831 1572-1581/? I/art: Background sticky concurrent mark sweep GC freed 28942(3MB) AllocSpace objects, 4(1
06-29 12:45:13.804 1572-1581/? I/art: Background sticky concurrent mark sweep GC freed 29737(3MB) AllocSpace objects, 3(1
```