

```

MainActivity.java
package com.indran.mcarit.activitylifecycle;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

    TextView op;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        op = (TextView) findViewById(R.id.op);

        op.setText( op.getText() + " \n > on Create" );
        Log.d("Activity", " on Create");
    }

    @Override
    protected void onStart() {
        super.onStart();
        op.setText( op.getText() + " \n > on Start" );
        Log.d("Activity", " on Start");
    }

    @Override
    protected void onStop() {
        super.onStop();
        op.setText( op.getText() + " \n > on Stop" );
        Log.d("Activity", " on Stop");
    }

    @Override
    protected void onDestroy() {
        super.onDestroy();
        op.setText( op.getText() + " \n > on Destroy" );
        Log.d("Activity", " on Destroy");
    }

    @Override
    protected void onPause() {
        super.onPause();
        op.setText( op.getText() + " \n > on Pause" );
        Log.d("Activity", " on Pause");
    }
}

```

```

@Override
protected void onResume() {
    super.onResume();
    op.setText( op.getText() + " \n > on Resume" );
    Log.d("Activity", " on Resume");
}

```

```

@Override
protected void onRestart() {
    super.onRestart();
    op.setText( op.getText() + " \n > on Restart" );
    Log.d("Activity", " on Restart");
}
}

```

activity_mian.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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.indran.mcarit.activitylifecycle.MainActivity">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/app_name"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        android:gravity="center"
        android:paddingTop="10dp"
        android:textSize="20dp"
        android:id="@+id/textView" />

    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_below="@+id/textView"
        android:layout_marginTop="11dp">

```

```

<TextView
    android:id="@+id/op"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_alignParentLeft="true"
    android:layout_alignParentStart="true"
    android:layout_below="@+id/textView"
    android:layout_margin="10dp"
    android:ems="10"
    android:inputType="textMultiLine"
    android:text="" />
</ScrollView>

```

```

</RelativeLayout>

```

MainActivity.java

```

package com.indran.mcarit.activitylifecycle;

```

```

import android.util.Log;

```

```

import android.widget.TextView;

```

```

public class MainActivity extends AppCompatActivity {

```

```

    TextView op;

```

```

    @Override

```

```

    protected void onCreate(Bundle savedInstanceState) {

```

```

        super.onCreate(savedInstanceState);

```

```

        setContentView(R.layout.activity_main);

```

```

        op = (TextView) findViewById(R.id.op);

```

```

        op.setText( op.getText() + " \n > on Create" );

```

```

        Log.d("Activity", " on Create");

```

```

    }

```

```

    @Override

```

```

    protected void onStart() {

```

```

        super.onStart();

```

```

        op.setText( op.getText() + " \n > on Start" );

```

```

        Log.d("Activity", " on Start");

```

```

    }

```

```

    @Override

```

```

    protected void onStop() {

```

```

        super.onStop();

```

```

        op.setText( op.getText() + " \n > on Stop" );

```

```
    Log.d("Activity", " on Stop");  
}
```

```
@Override  
protected void onDestroy() {  
    super.onDestroy();  
    op.setText( op.getText() + " \n > on Destroy" );  
    Log.d("Activity", " on Destroy");  
}
```

```
@Override  
protected void onPause() {  
    super.onPause();  
    op.setText( op.getText() + " \n > on Pause" );  
    Log.d("Activity", " on Pause");  
}
```

```
@Override  
protected void onResume() {  
    super.onResume();  
    op.setText( op.getText() + " \n > on Resume" );  
    Log.d("Activity", " on Resume");  
}
```

```
@Override  
protected void onRestart() {  
    super.onRestart();  
    op.setText( op.getText() + " \n > on Restart" );  
    Log.d("Activity", " on Restart");  
}  
}
```

activity_mian.xml

```
<RelativeLayout  
    tools:context="com.indran.mcarit.activitylifecycle.MainActivity">
```

```
    <TextView android:text="@string/app_name" />
```

```
    <ScrollView >
```

```
        <TextView android:id="@+id/op" />  
    </ScrollView>
```

```
</RelativeLayout>
```

Activity Life Cycle

Activity Life Cycle

- > on Create
- > on Start
- > on Resume

