Mainactivity.java

**package** com.example.sjcet.lifecycle;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.util.Log;

**import** android.widget.Toast;

**public class** MainActivity **extends** AppCompatActivity {

   @Override

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

**super**.onCreate(savedInstanceState);

       setContentView(R.layout.***activity\_main***);

*// Log.d("lifecycle","onCreate invoked");*

Toast.*makeText*(**this**, **"onCreate invoked"**, Toast.***LENGTH\_SHORT***).show();

   }

**protected void** onStart() {

**super**.onStart();

*// Log.d("lifecycle","onStart invoked");*

Toast.*makeText*(**this**, **"onStart invoked"**, Toast.***LENGTH\_SHORT***).show();

   }

**protected void** onResume() {

**super**.onResume();

*//Log.d("lifecycle","onResume invoked");*

Toast.*makeText*(**this**, **"onResume invoked"**, Toast.***LENGTH\_SHORT***).show();

   }

**protected void** onPause() {

**super**.onPause();

*//  Log.d("lifecycle","onPause invoked");*

Toast.*makeText*(**this**, **"onPause invoked"**, Toast.***LENGTH\_SHORT***).show();

   }

**protected void** onStop() {

**super**.onStop();

*//Log.d("lifecycle","onStop invoked");*

Toast.*makeText*(**this**, **"oStop invoked"**, Toast.***LENGTH\_SHORT***).show();

   }

**protected void** onRestart() {

**super**.onRestart();

*//Log.d("lifecycle","onRestart invoked");*

Toast.*makeText*(**this**, **"onRestart invoked"**, Toast.***LENGTH\_SHORT***).show();

   }

**protected void** onDestroy() {

**super**.onDestroy();

*//Log.d("lifecycle","onDestroy invoked");*

Toast.*makeText*(**this**, **"onDestroy invoked"**, Toast.***LENGTH\_SHORT***).show();

   }

}

Acitvity\_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="match\_parent"**

**android:layout\_height="match\_parent"**

**tools:context=".MainActivity"**>

   <**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"** />

</**android.support.constraint.ConstraintLayout**>