Activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.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" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

MainActivity.java

```java
package com.example.activitylifecycle;

import androidx.appcompat.app.AppCompatActivity;

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

public class MainActivity extends AppCompatActivity {

    @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");
    }
    @Override
    protected void onResume()
```

```java
    {
        super.onResume();
        Log.d("lifecycle","onResume invoked");
    }
    @Override
    protected void onPause() {
        super.onPause();
        Log.d("lifecycle","onPause invoked");
    }
    @Override
    protected void onStop() {
        super.onStop();
        Log.d("lifecycle","onStop invoked");
    }
    @Override
    protected void onRestart() {
        super.onRestart();
        Log.d("lifecycle","onRestart invoked");
    }
    @Override
    protected void onDestroy() {
        super.onDestroy();
        Log.d("lifecycle","onDestroy invoked");
    }
}
```

```
2022-03-24 15:08:59.421 3198-3198/com.example.activitylifecycle D/lifecycle: onPause invoked
2022-03-24 15:09:00.480 3198-3198/com.example.activitylifecycle D/lifecycle: onStop invoked
2022-03-24 15:09:14.361 3198-3198/com.example.activitylifecycle D/lifecycle: onRestart invoked
2022-03-24 15:09:14.374 3198-3198/com.example.activitylifecycle D/lifecycle: onStart invoked
2022-03-24 15:09:14.388 3198-3198/com.example.activitylifecycle D/lifecycle: onResume invoked
2022-03-24 15:09:17.542 3198-3198/com.example.activitylifecycle D/lifecycle: onPause invoked
2022-03-24 15:09:18.287 3198-3198/com.example.activitylifecycle D/lifecycle: onStop invoked
2022-03-24 15:09:19.282 3198-3198/com.example.activitylifecycle D/lifecycle: onRestart invoked
2022-03-24 15:09:19.286 3198-3198/com.example.activitylifecycle D/lifecycle: onStart invoked
2022-03-24 15:09:19.288 3198-3198/com.example.activitylifecycle D/lifecycle: onResume invoked
2022-03-24 15:09:21.510 3198-3198/com.example.activitylifecycle D/lifecycle: onPause invoked
2022-03-24 15:09:22.560 3198-3198/com.example.activitylifecycle D/lifecycle: onStop invoked
2022-03-24 15:10:18.973 3198-3198/com.example.activitylifecycle D/lifecycle: onRestart invoked
2022-03-24 15:10:18.998 3198-3198/com.example.activitylifecycle D/lifecycle: onStart invoked
2022-03-24 15:10:18.999 3198-3198/com.example.activitylifecycle D/lifecycle: onResume invoked
```

activitylifecycle

Hello World!