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C3 BATCH

ANDROID ACTIVITY LIFE-CYCLE

XMLCODE

```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"
android:background="@color/black"
tools:context=".MainActivity">
<TextView
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:fontFamily="serif-monospace"
android:gravity="center"
android:text="ACTIVITY
LIFE CYCLE"
android:textColor="@color/white"
android:textSize="40dp"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

CODE

```java
package com.example.lifecycle;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
@Override
protected void onStart(){
super.onStart();
Toast.makeText(this,"ACTIVITY STARTED ",Toast.LENGTH_SHORT).show();
}
@Override
protected void onStop(){
super.onStop();
```

```java
Toast.makeText(this,"ACTIVITY STOPPED ",Toast.LENGTH_SHORT).show();
}
@Override
protected void onResume(){
super.onResume();
Toast.makeText(this,"ACTIVITY RESUMED ",Toast.LENGTH_SHORT).show();
}
@Override
protected void onPause(){
super.onPause();
Toast.makeText(this,"ACTIVITY PAUSED ",Toast.LENGTH_SHORT).show();
}
@Override
protected void onDestroy(){
super.onDestroy();
Toast.makeText(this,"ACTIVITY DESTROYED ",Toast.LENGTH_SHORT).show();
}
@Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
Toast.makeText(this, "ACTIVITY LIFECYCLE", Toast.LENGTH_SHORT).show();
}
}
```

ACTIVITY LIFE
CYCLE

ACTIVITY STOPPED

ACTIVITY LIFE
CYCLE

ACTIVITY DESTROYED