

**MOBILE APPLICATION DEVELOPMENT LAB**

**Experiment No.: 2**

**Aim:**

Write a program that demonstrates the Activity Lifecycle.

**Procedure:**

**Xml :**

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout

xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

xmlns:app="http://schemas.android.com/apk/res-auto"

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="hi friends"

android:textColor="@color/teal\_200"

android:textSize="30dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

**Java :**

package com.example.program9;

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() {

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 onDestroy() {

super.onDestroy();

Log.d("Lifecycle", "onDestroy invoked");

}

}

**Output:**

