**Practical No. 06**

**Aim:Create an android app that demonstrates Activity LifeCycle and Instance State.**

**MainActivity.java :**

package com.example.satyam;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.app.Activity;

import android.util.Log;

public class MainActivity extends AppCompatActivity {

String msg = "Android : " ;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Log.d(msg, "The OnCreate() event ");

}

@Override

protected void onStart() {

super.onStart();

Log.d(msg,"The OnStart() Event");

}

@Override

protected void onResume(){

super.onResume();

Log.d(msg, "The OnResume() Event");

}

@Override

protected void onPause(){

super.onPause();

Log.d(msg , "The OnPause() Event");

}

@Override

protected void onRestart(){

super.onRestart();

Log.d(msg,"The OnRestart() Event" );

}

@Override

protected void onStop() {

super.onStop();

Log.d(msg, "The OnStop() Evvent");

}

@Override

protected void onDestroy() {

super.onDestroy();

Log.d(msg , "The OnDestroy() Event");

}

}**Activity\_main.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="SYCS SATYAM"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

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

</androidx.constraintlayout.widget.ConstraintLayout>



