**Practical no.-**17

**Title:** Develop a program to create an activity.

**Roll No.:**15 **Batch-** A **Date of Performance:** 26/02/2024

**activity\_main.xml**

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

<AbsoluteLayout 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:layout\_gravity="center"

tools:context=".MainActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="95dp"

android:layout\_y="277dp"

android:text="Activity Life Cycle!"

android:textSize="20sp"

android:textStyle="bold" />

</AbsoluteLayout>

**MainActivity.java**

package com.example.pract\_17activity;

import androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;

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);

}

@SuppressLint("MissingSuperCall")

protected void onStart() {

super.onStart();

Log.d("Pract-17 Activity Life

Cycle","Activity Started");

}

protected void onResume() {

super.onResume();

Log.d("Pract-17 Activity Life Cycle","Activity Resume");

}

protected void onPause() {

super.onPause();

Log.d("Pract-17 Activity Life Cycle","Activity Paused");

}

protected void onStop() {

super.onStop();

Log.d("Pract-17 Activity Life Cycle","Activity Stoped");

}

protected void onRestart() {

super.onRestart();

Log.d("Pract-17 Activity Life Cycle","Activity Restarted");

}

protected void onDestroy() {

super.onDestroy();

Log.d("Pract-17 Activity Life Cycle","Activity Destroyed");

}

}

**Output**

2024-02-26 11:40:36.557 32457-32457 Pract-17 A...Life Cycle com.example.pract\_17activity D Activity Started

2024-02-26 11:40:36.559 32457-32457 Pract-17 A...Life Cycle com.example.pract\_17activity D Activity Resume

2024-02-26 11:40:39.466 32457-32457 Pract-17 A...Life Cycle com.example.pract\_17activity D Activity Paused

2024-02-26 11:40:39.951 32457-32457 Pract-17 A...Life Cycle com.example.pract\_17activity D Activity Stoped

2024-02-26 11:40:41.128 32457-32457 Pract-17 A...Life Cycle com.example.pract\_17activity D Activity Restarted

2024-02-26 11:40:41.130 32457-32457 Pract-17 A...Life Cycle com.example.pract\_17activity D Activity Started

2024-02-26 11:40:41.135 32457-32457 Pract-17 A...Life Cycle com.example.pract\_17activity D Activity Resume

2024-02-26 11:40:43.683 32457-32457 Pract-17 A...Life Cycle com.example.pract\_17activity D Activity Paused

2024-02-26 11:40:44.163 32457-32457 Pract-17 A...Life Cycle com.example.pract\_17activity D Activity Stoped

2024-02-26 11:40:45.164 32457-32457 Pract-17 A...Life Cycle com.example.pract\_17activity D Activity Destroyed

---------------------------- PROCESS ENDED (32457) for package com.example.pract\_17activity ----------------------------