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Sem → 5   Sec → B   Class Rollno → 10   St. ID → 19042141

Date → 01/10/21   Subject → Mobile Application Development
Lab (PBC 502)

Pg ①

B2.) Activity life-cycle :- (Using LogCat)

⊙ **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 = "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>
```

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◎ MainActivity.java :-

```java
package com.activitylifecycle;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.util.log;

public class MainActivity extends AppCompatActivity{
public static final String status= MainActivity.class
                                     .getSimploName();
@Override
protected void OnCreate(Bundle savedInstanceState)
{ super.onCreate(savedInstanceState);
   setContentView (R. layout.activity_main);
    log.i(status, msg:"In method OnCreate");
 }

@Override
 protected void onStart(){
       super.OnStart();
    log.i (status, msg:"In method OnStart");
 }

@Override
 protected void OnResume(){
       super.OnResume();
    log.i (status, msg: "In method OnResume");
       }

@Override
   protected void onPause() {
       super.onPause();
    log.i(status, msg:" In method onPause"); Anushka
```

```
}

@Override
    protected void onStop(){
        super.onStop();
    log.i(status, msg: "In method Onstop");
    }

@Override
    protected void onDestroy(){
        super.onDestroy();
    log.i(status, msg: "In method onDestroy");
    }
}
```

@Anushka

Vivo Vivo 1811 Android 8.1.0, A ▾   com.**activitylifecycle** (22287) ▾   Verbose ▾   🔍

2021-10-01 10:07:58.015 22287-22287/com.activitylifecycle I/DecorView: setWindowBackground mBackgroundPadding = Rect(0, (
2021-10-01 10:07:58.175 22287-22287/com.activitylifecycle I/MainActivity: In method OnCreate
2021-10-01 10:07:58.180 22287-22287/com.activitylifecycle I/MainActivity: In method OnStart
2021-10-01 10:07:58.194 22287-22287/com.activitylifecycle I/MainActivity: In method OnResume
2021-10-01 10:07:58.214 22287-22353/com.activitylifecycle D/OpenGLRenderer: HWUI GL Pipeline
2021-10-01 10:07:58.242 22287-22287/com.activitylifecycle I/TouchMotionHandler: handler onAttached
2021-10-01 10:07:58.300 22287-22353/com.activitylifecycle I/Adreno: QUALCOMM build   : 99230b5, I19c5914(
        Build Date   : 12/03/18
        OpenGL ES Shader Compiler Version: EV031.22.00.01_06_07
        Local Branch   :

≣ TODO   ❶ Problems   ⧁ Terminal   ☰ Logcat   ⬈ Build   ⌒ Profiler   ▶ Run   ⬆ App Inspection

⬜ Launch succeeded (a minute ago)

```
🗑      Local Branch            :
        Remote Branch           :
⬇      Remote Branch           :
        Reconstruct Branch      :
↑      2021-10-01 10:07:58.307 22287-22353/com.activitylifecycle I/Adreno: PFP: 0x005ff087, ME: 0x005ff063
↓      2021-10-01 10:07:58.315 22287-22353/com.activitylifecycle I/zygote64: android::hardware::configstore::V1_0::ISurfaceFlingerConfigs::hasWide
        2021-10-01 10:07:58.316 22287-22353/com.activitylifecycle I/OpenGLRenderer: Initialized EGL, version 1.4
⇶      2021-10-01 10:07:58.316 22287-22353/com.activitylifecycle D/OpenGLRenderer: Swap behavior 2
        2021-10-01 10:08:34.351 22287-22287/com.activitylifecycle I/MainActivity: In method OnPause
››      2021-10-01 10:08:34.402 22287-22287/com.activitylifecycle I/MainActivity: In method OnStop
```

≣ TODO   ❶ Problems   ⊠ Terminal   ☰ Logcat   ⚒ Build   ⋒ Profiler   ▶ Run   ⛭ App Inspection

Launch succeeded (a minute ago)

ActivityLifeCycle

Hello World!