

2. Develop an android application to demonstrate 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 = "https://schemas.android.com/apk/res-auto"
```

```
xmlns:tools = "https://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"
```


Main Activity.java

```
package com.activity lifecycle;  
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.getSimpleName()  
();
```

```
@Override
```

```
protected void onCreate (Bundle  
savedInstanceState) {
```

```
super.onCreate(savedInstanceState);
```

```
setContentView(R.layout.activity_main);  
Log.i(status, "In method onCreate");  
}
```

```
@Override
```

```
protected void onStart() {
```

```
super.onStart();
```

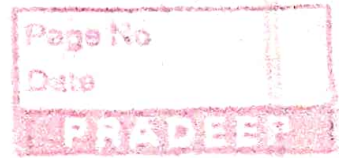
```
Log.i(status, "In method OnStart");  
}
```

```
@Override
```

```
protected void onResume() {
```

```
super.onResume();
```

```
Log.i(status, "In method On  
Resume");  
}
```



@ Override

```
protected void onPause () {  
    super.onPause ();  
    Log.i (status, "In method On Pause");  
}
```

@ Override

```
protected void onStop () {  
    super.onStop ();  
    Log.i (status, "In method On Stop");  
}
```

@ Override

```
protected void onDestroy () {  
    super.onDestroy ();  
    Log.i (status, "In method On Destroy");  
}
```


ActivityLifeCyclezz > app > src > main > res > layout > activity

Project

Resource Manager

Structure

Favorites

Icons

Android ▾

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▼ app

> manifests

▼ java

▼ com.activitylifecycle

MainActivity

> com.activitylifecycle (androidTest)

> com.activitylifecycle (test)

> java (generated)

▼ res

▼ drawable

ic_launcher_background.xml

ic_launcher_foreground.xml (v24)

▼ layout

activity_main.xml

▼ mipmap

> ic_launcher (6)

> ic_launcher_round (6)

▼ values

colors.xml

strings.xml

> themes (2)

res (generated)

> Gradle Scripts

ActivityLifeCycle

Hello World!

