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Practical of

App Development

Code:- PBC 502

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## Life Cycle

XML Code:-

```
<?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>
```

Java Code:-

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```
package com.example.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 the Method onStart");  
}
```

@Override

```
protected void onResume() {  
    super.onResume();  
    Log.i(status, "In Method onResume");  
}
```

@Override

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

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@Override

protected void onRestart() {

super.onRestart();

Log.i("Status", "In Method onRestart");

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@Override

protected void onDestroy() {

super.onDestroy();

Log.i("Status", "In Method onDestroy");

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