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Mobile App Development
Mid term Practical

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Activity life cycle

~~Yogendra~~ Java file

Package com.example-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 onResume");

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@Override protected

void onPause()

{ super.onPause();

Log.i(status, "In method onPause");

}

@Override protected

void onStop()

{ super.onStop();

Log.i(status, "In method onStop");

}

@Override protected

void onRestart()

{ super.onRestart();

Log.i(status, "In method onRestart");

}

@Override protected void

onDestroy()

{ super.onDestroy();

Log.i(status, "In method onDestroy");

}

}

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* Xml file

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

<android x.constraintlayout.widget.ConstraintLayout

xmlns:android = "http://schemas.android.com/apk/res/android"

xmlns:tools = "http://schemas.android.com/tools"

android:layout_width = "match-parent"

android:layout_height = "match-parent" tools:context = ".MainActivity">

<Text view 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"/>

</android x.constraintlayout.widget.ConstraintLayout>

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Hello World!