**[ 2CEIT5PE5: MOBILE APPLICATION DEVELOPMENT]**

Practical: 2



**AIM-Design Activity: Centered "Hello World" in yellow with Holo Blue bold italic text. Show Life Cycle via Log, Toast & Snackbar.**

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1. **Create a “Hello World” application which has a yellow layout background with red color,27sp font size and display text on the center of the screen .**

**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:id="@+id/MainPage"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:background="#FFEB00"

tools:context=".MainActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Hello World!"

android:textColor="@android:color/holo\_blue\_bright"

android:textSize="27dp"

android:textStyle="bold|italic"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity.kt :**

package com.example.mad\_practical2\_21012011088

import androidx.appcompat.app.AppCompatActivity

import android.os.Bundle

import android.widget.Toast

import com.google.android.material.snackbar.Snackbar

class MainActivity : AppCompatActivity() {

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

setContentView(R.layout.activity\_main)

// displayToast("onCreate called")

displaySnackbar("onCreate called")

}

override fun onStart() {

super.onStart()

// displayToast("onStart called")

displaySnackbar("onStart called")

}

override fun onResume() {

super.onResume()

// displayToast("onResume called")

displaySnackbar("onResume called")

}

override fun onPause() {

super.onPause()

// displayToast("onPause called")

displaySnackbar("onPause called")

}

override fun onStop() {

super.onStop()

// displayToast("onStop called")

displaySnackbar("onStop called")

}

override fun onDestroy() {

super.onDestroy()

// displayToast("onDestroy called")

displaySnackbar("onDestroy called")

}

fun displayToast(msg:String){

Toast.makeText(this , msg , Toast.LENGTH\_LONG).show();

}

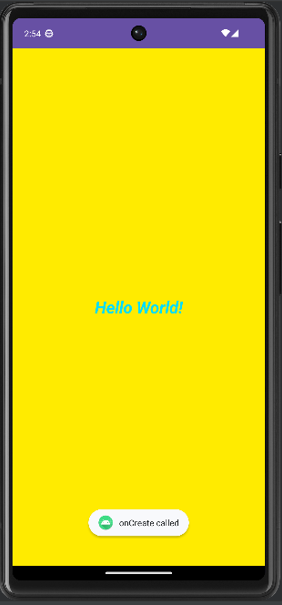
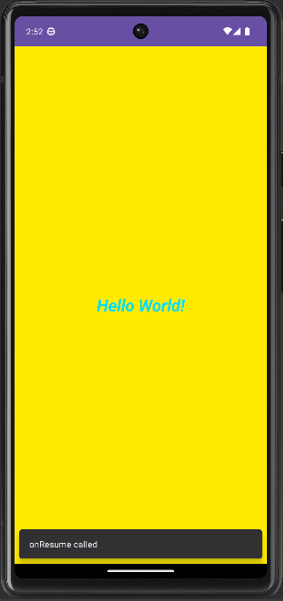
fun displaySnackbar(msg: String){

Snackbar.make(findViewById(R.id.MainPage) , msg , Snackbar.LENGTH\_LONG).show();

}

}

**Output :**

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