**Program no: 17**

**Aim:** Apply themes via code and manifest file

# XML Code:

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

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="[http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android)

xmlns:app="[http://schemas.android.com/apk/res-auto"](http://schemas.android.com/apk/res-auto) xmlns:tools="[http://schemas.android.com/tools"](http://schemas.android.com/tools) android:layout\_width="match\_parent" android:layout\_height="match\_parent" tools:context=".MainActivity">

<EditText android:id="@+id/editTextTextPersonName" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:ems="10" android:inputType="textPersonName" android:text="" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintTop\_toTopOf="parent" tools:layout\_editor\_absoluteX="100dp" />

</androidx.constraintlayout.widget.ConstraintLayout>

AndroidManifest.xml

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

<manifest xmlns:android="<http://schemas.android.com/apk/res/android>" package="com.example.myappp">

<application android:allowBackup="true" android:icon="@mipmap/ic\_launcher" android:label="@string/app\_name"

android:roundIcon="@mipmap/ic\_launcher\_round"

android:supportsRtl="true" android:theme="@style/Theme.newstyle">

<activity android:name=".MainActivity" android:exported="true">

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

</activity>

</application>

</manifest> themes.xml

<resources xmlns:tools="[http://schemas.android.com/tools"](http://schemas.android.com/tools)>

<!-- Base application theme. -->

<style name="Theme.newstyle" parent="Theme.MaterialComponents.DayNight.DarkActionBar">

<item name="colorPrimary">@color/black</item>

<item name="colorPrimaryDark">@color/yellow</item>

<item name="colorAccent">@color/teal</item>

<item name="android:textColorPrimary">@color/red</item>

</style>

</resources> colors.xml

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

<resources>

<color name="purple\_200">#FFBB86FC</color>

<color name="purple\_500">#FF6200EE</color>

<color name="purple\_700">#FF3700B3</color>

<color name="teal\_200">#FF03DAC5</color>

<color name="teal\_700">#FF018786</color>

<color name="black">#B30707</color>

<color name="white">#FFFFFFFF</color>

<color name="teal">#FF018786</color>

<color name="yellow">#6377E4</color>

<color name="red">#F80F0F</color>

</resources>

# Java Code:

package com.example.myappp;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity extends AppCompatActivity { @Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main);

}

}

# Output:

