

Program No: 17

Aim:Apply themes vis 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/
    s/android"
    xmlns:tools="http://schemas.android.com/tools"
    xmlns:app="http://schemas.android.com/apk/res-
    auto" android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <EditText
        android:id="@+id/editTextTextPers
        onName"
        android:layout_width="wrap_conte
        nt"
        android:layout_height="wrap_cont"

        android:ems="10"
        android:inputType="textPersonNae
        android:minHeight="48dp"
        android:text="HAI HELLO"
        app:layout_constraintBottom_toBottomOf
        ="parent"
        app:layout_constraintEnd_toEndOf="pare
        nt"
        app:layout_constraintStart_toStartOf="par
        ent"
        app:layout_constraintTop_toTopOf="pare
```

```
nt" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Java Code:

```
package com.example.theme;

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);
    }
}
```

#colors.xml

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="colorPrimary">#673AB7</color>
    <color name="color_primary_dark">#8BC34A</color>
    <color name="color_accent">#00BCD4</color>
    <color name="color_text_color_primary">#3B65FF</color>
</resources>
```

#new_style.xml

```
<resources xmlns:tools="http://schemas.android.com/tools">
<!-- Base application theme. -->
<style name="Theme.new_style"
parent="Theme.MaterialComponents.DayNight.DarkActionBar">

    <item name="colorPrimary">@color/colorPrimary</item>
    <item name="colorPrimaryDark">@color/color_primary_dark</item>
    <item name="colorAccent">@color/color_accent</item>
```

```

        <item name="android:textColorPrimary">@color/color_text_color_primary</item>
        <item name="android:textSize">40dp</item>
    </style>
</resources>

```

#values\themes.xml

```

<resources xmlns:tools="http://schemas.android.com/tools">

    <!-- Base application theme. -->

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

        <item name="colorPrimary">@color/colorPrimary</item>
        <item name="colorPrimaryDark">@color/color_primary_dark</item>
        <item name="colorAccent">@color/color_accent</item>
        <item name="android:textColorPrimary">@color/color_text_color_primary</item>
        <item name="android:textSize">40dp</item>

    </style>

</resources>

```

#AndroidManifest.xml

```

<?xml version="1.0" encoding="utf-8"?>
<manifest
    xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.theme">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportRtl="true"
        android:theme="@style/Theme.new_style"
    >

        <activity
            android:name=".MainActivity"

```

```

nActivity"
android:exported="true" >
<intent-filter>
<action android:name="android.intent.action.MAIN" />
<category android:name="android.intent.category.LAUNCHER" />
</intent-filter>
</activity>
</application>
</manifest>

```

#night\themes.xml

```

<resources xmlns:tools="http://schemas.android.com/tools">
<!-- Base application theme. -->
<style name="Theme.Themes"
parent="Theme.MaterialComponents.DayNight.DarkActionBar">

<item name="colorPrimary">@color/colorPrimary</item>
<item name="colorPrimaryDark">@color/color_primary_dark</item>
<item name="colorAccent">@color/color_accent</item>
<item name="android:textColorPrimary">@color/color_text_color_primary</item>
<item name="android:textSize">40sp</item>

</style>
</resources>

```

Output:-



