**PRACTICAL NO. 02**

**RESOURCES IN ANDROID**

**Color Resource:**

**// colors.xml** as follow→

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

<resources>

<color name="colorPrimary">#008577</color>

<color name="colorPrimaryDark">#00574B</color>

<color name="colorAccent">#D81B60</color>

<color name="red">#FF0000</color>

<color name="blue">#0000FF</color>

<color name="green">#00FF00</color>

</resources>

**//Activity\_Main.xml→**

<LinearLayout

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"

android:orientation="vertical"

android:background="@color/green"

tools:context=".MainActivity">

<TextView

android:id="@+id/textView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:textSize="30dp"

android:text="This is blue color"

android:textColor="@color/blue"/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="This is red color!"

android:textSize="30dp"

android:textColor="@color/red"

/>

</LinearLayout>

**Dimension Resource:**

**// dimens.xml →**

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

<resources>

<dimen name="height">35dp</dimen>

<dimen name="width">150dp</dimen>

<dimen name="size">20dp</dimen>

</resources>

**// Activity\_Main.xml**

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

<LinearLayout

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"

android:orientation="vertical"

tools:context=".MainActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="this is nornal text"/>

<TextView

android:layout\_width="@dimen/width"

android:layout\_height="@dimen/height"

android:textSize="@dimen/size"

android:text="this is text with user defined dimentions"/>

</LinearLayout>

**Drawable Resource:**

**// Activity\_Main.xml**

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

<LinearLayout

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"

android:orientation="vertical"

tools:context=".MainActivity">

<ImageView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:src="@drawable/Untitled"/>

<ImageView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

/android:src="@drawable/Untitled1"/>

</LinearLayout>

**String Resources:**

**// strings.xml →**

<resources>

<string name="app\_name">Resources Demo</string>

<string name="Heading">Android Programming</string>

<string name="History">

The history and versions of android are interesting to know. The code names of androidranges

from A to J currently, such as Aestro, Blender, Cupcake, Donut, Eclair, Froyo, Gingerbread,

Honeycomb, Ice Cream Sandwitch, Jelly Bean, KitKat and Lollipop.

Let's understand the android history in a sequence.

Initially, Andy Rubin founded Android Incorporation in Palo Alto,

California, United States in October, 2003. In 17th August 2005,

Google acquired android Incorporation. Since then,

it is in the subsidiary of Google Incorporation.

</string>

</resources>

**// Activity\_Main.xml→**

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

<LinearLayout

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"

android:orientation="vertical"

tools:context=".MainActivity">

<TextView

android:id="@+id/textView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:textSize="30dp"

android:text="@string/Heading"

android:textColor="@color/red"/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/History"

android:textSize="20dp"

android:textColor="@color/blue"

/>

</LinearLayout>

**Style Resource:**

**To open style.xml file right click app res→values style.xml.**

**// Style.xml→**

<resources>

<style name="MyTheme" parent="Theme.AppCompat.DayNight.DarkActionBar">

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

<item name="android:background">@color/blue</item>

</style>

</resources>

**// Manifest.xml→**

**To open manifest file app->>manifest→manifest.xml**

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

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

package="com.anu.resourcesdemo">

<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/MyTheme">

<activity android:name=".MainActivity">

<intent-filter>

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

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

</intent-filter>

</activity>

</application>

</manifest>