**Pract2**

**Programming Resources Android Resources: (Color, Theme, String, Drawable, Dimension, Image),**

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"  
 tools:context=".MainActivity"  
 android:background="@color/black"  
 android:theme="@style/Theme.Trying"  
 android:orientation="vertical"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Welcome to my program"  
 android:id="@+id/test1"  
 android:textSize="25sp"  
 android:textColor="@color/grey"**/>  
 <**ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="400dp"  
 android:id="@+id/image1"  
 android:src="@drawable/goku"**/>  
 <**Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/button1"  
 android:textColor="@color/purple\_200"  
 android:text="Hit Me"**/>  
  
</**LinearLayout**>

**kt**

**package** com.example.myapplicationresources  
  
**import** androidx.appcompat.app.AppCompatActivity  
**import** android.os.Bundle  
**import** android.widget.Button  
**import** android.widget.ImageView  
  
  
**class** MainActivity : AppCompatActivity() {  
 **override fun** onCreate(savedInstanceState: Bundle?) {  
 **super**.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main*)  
  
 **val** image1 = findViewById<ImageView>(R.id.*image1*)  
 **val** button1 = findViewById<Button>(R.id.*button1*)  
  
 button1.setOnClickListener **{** image1.setImageResource(R.drawable.*gokus*) **}** }  
 }

**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"**>#FF000000</**color**>  
 <**color name="white"**>#FFFFFFFF</**color**>  
 <**color name="grey"**>#808080</**color**>  
</**resources**>

**Thems.xml**

<**resources xmlns:tools="http://schemas.android.com/tools"**>  
 *<!-- Base application theme. -->* <**style name="Theme.MyApplicationResources" parent="Theme.MaterialComponents.DayNight.DarkActionBar"**>  
 *<!-- Primary brand color. -->* <**item name="colorPrimary"**>@color/purple\_500</**item**>  
 <**item name="colorPrimaryVariant"**>@color/purple\_700</**item**>  
 <**item name="colorOnPrimary"**>@color/white</**item**>  
 *<!-- Secondary brand color. -->* <**item name="colorSecondary"**>@color/teal\_200</**item**>  
 <**item name="colorSecondaryVariant"**>@color/teal\_700</**item**>  
 <**item name="colorOnSecondary"**>@color/black</**item**>  
 *<!-- Status bar color. -->* <**item name="android:statusBarColor"**>?attr/colorPrimaryVariant</**item**>  
 *<!-- Customize your theme here. -->* </**style**>  
 <**style name="Theme.Trying" parent="Theme.MaterialComponents.DayNight.NoActionBar"**>  
 <**item name="colorPrimary"**>@color/black</**item**>  
 <**item name="colorPrimaryVariant"**>@color/white</**item**>  
 <**item name="colorOnPrimary"**>@color/white</**item**>  
 <**item name="colorSecondary"**>@color/teal\_200</**item**>  
 <**item name="colorSecondaryVariant"**>@color/teal\_700</**item**>  
 <**item name="colorOnSecondary"**>@color/black</**item**>  
 <**item name="android:statusBarColor" tools:targetApi="l"**>?attr/colorPrimaryVariant</**item**>  
 </**style**>  
</**resources**>