**Name: JOBIN TJ**

**Roll No: 7**

**Batch: B**

**Date: 25/10/2022**

ANDROID LAB

**Experiment No.: 9**

**Aim**

Design a page using drawable.

**Procedure**

**MainActivity.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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="150dp"  
 android:layout\_height="100dp"  
 android:text="Gradiant "  
 android:textColor="@color/black"  
 android:textSize="35dp"  
 tools:layout\_editor\_absoluteX="140dp"  
 tools:layout\_editor\_absoluteY="36dp">  
<?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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Hello World!"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <ImageButton  
 android:layout\_width="200dp"  
 android:layout\_height="250dp"  
 android:background="@drawable/custom\_button"  
 tools:layout\_editor\_absoluteX="105dp"  
 tools:layout\_editor\_absoluteY="155dp" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**CustomButton.xml**

<?xml version="1.0" encoding="utf-8"?>  
<selector xmlns:android="http://schemas.android.com/apk/res/android">  
<item>  
 <shape android:shape="rectangle">  
 <solid android:color="@color/purple\_200"> </solid>  
 <stroke android:color="@color/white" android:width="30dp">  
  
 </stroke>  
 <corners android:bottomLeftRadius="50dp" android:topRightRadius="45dp">  
  
 </corners>  
 <size android:width="200dp" android:height="200dp"></size>  
 <gradient android:startColor="@color/design\_default\_color\_error" android:endColor="@color/purple\_700"  
 android:angle="360"  
 android:centerColor="@color/teal\_200"  
 android:type="radial"  
 android:gradientRadius="100dp"></gradient>  
  
  
  
  
  
 </shape>  
</item>  
</selector>

**Output**

