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**Roll No: 6**

**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">  
  
 </TextView>  
  
 <ImageButton  
 android:layout\_width="179dp"  
 android:layout\_height="211dp"  
 android:background="@drawable/cstombutton"  
 tools:layout\_editor\_absoluteX="126dp"  
 tools:layout\_editor\_absoluteY="204dp">  
  
 </ImageButton>  
  
</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/teal\_200"></solid>  
 <stroke android:color="@color/black"  
 android:width="10dp"  
 ></stroke>  
 <corners android:bottomLeftRadius="50dp"  
 android:topRightRadius="45dp"></corners>  
 <size android:width="200dp"  
 android:height="200dp"></size>  
 <gradient android:startColor="@color/purple\_500"  
 android:centerColor="@color/purple\_200"  
 android:endColor="@color/teal\_200"  
 android:angle="360"  
 android:type="radial"  
 android:gradientRadius="100dp"  
 android:centerX="2dp"  
 android:centerY="2dp"></gradient>  
  
 </shape>  
  
 </item>  
  
</selector>

**Output**