**ANDROID LAB**

**NAME: VYSHNAVI BABU S**

**Roll No:55**

**Batch:RMCA-B**

**Date:**

**Experiment No.4:**

**Aim:**

program to implement gradient.

**Program**

**Customergradient.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\_500"**> </**solid**>

<**stroke android:color="#68148C"**

**android:width="70px"**></**stroke**>

<**corners android:bottomLeftRadius="1000dp" android:topLeftRadius="700dp" android:topRightRadius="700dp" android:bottomRightRadius="1000dp" android:radius="@dimen/material\_emphasis\_high\_type"**>

</**corners**>

<**gradient**

**android:centerColor="@color/purple\_700"**

**android:angle="@integer/material\_motion\_duration\_long\_2"**

**android:endColor="@color/teal\_200"**

**android:startColor="#D60707"**/>

</**shape**>

</**item**>

</**selector**>

**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="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="304dp"

android:layout\_height="128dp"

android:background="@drawable/customgradient"

android:textAlignment="center"

tools:layout\_editor\_absoluteX="53dp"

tools:layout\_editor\_absoluteY="565dp"></ImageButton>

</androidx.constraintlayout.widget.ConstraintLayout>

**OUTPUT**

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