ANDROID LAB

**Experiment No.:**

**Aim**

**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">

<ImageButton

android:layout\_width="206dp"

android:layout\_height="240dp"

android:background="@drawable/custom\_button\_background"

tools:layout\_editor\_absoluteX="102dp"

tools:layout\_editor\_absoluteY="180dp">

</ImageButton>

</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity.java**

package org.teachics.drawable;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

}

}

**custom\_button\_background.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="#0414f6"></solid>

<stroke android:color="#53eef2"

android:width="30dp"></stroke>

<corners android:bottomLeftRadius="50dp" android:topRightRadius="45dp"></corners>

<size android:width="200dp" android:height="200dp"></size>

<gradient android:startColor="#fafc0d"

android:endColor="#67fdfc"

android:angle="360"

android:type="radial"

android:gradientRadius="100dp"></gradient>

</shape>

</item>

</selector>

**Output**

