Program:

package com.example.ex4;

import android.os.Bundle;

import android.app.Activity;

import android.graphics.Bitmap;

import android.graphics.Canvas;

import android.graphics.Color;

import android.graphics.Paint;

import android.graphics.RectF;

import android.graphics.drawable.BitmapDrawable;

import android.view.Menu;

import android.widget.ImageView;

public class MainActivity extends Activity {

ImageView i;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Bitmap bg = Bitmap.createBitmap(720, 1280, Bitmap.Config.ARGB\_8888);

i=(ImageView)findViewById(R.id.imageView1);

i.setBackgroundDrawable(new BitmapDrawable(bg));

Canvas canvas = new Canvas(bg);

Paint paint = new Paint();

paint.setColor(Color.MAGENTA);

paint.setTextSize(50);

canvas.drawText("RECTANGLE",400,200, paint);

canvas.drawRect(400,200,650,700, paint);

canvas.drawText("CIRCLE",120,150, paint);

canvas.drawCircle( 200, 350, 120, paint);

canvas.drawText("SQUARE",50,850, paint);

canvas.drawRect(50, 850, 350, 1150, paint);

canvas.drawText("ROUNDRECT",320,800, paint);

RectF roundedRect = new RectF(400,850,650,1150);

canvas.drawRoundRect(roundedRect,26,25,paint);

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.main, menu);

return true;

}

}

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".MainActivity" >

<ImageView

android:id="@+id/imageView1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_centerVertical="true" />

</RelativeLayout>

Output:

